SETUP & OPERATION MANUAL

10" JOB SITE SAW / CONTRACTOR SAW

- Left tilt with riving knife

FEATURES

50-090RK: JOB SITE SAW, INCLUDES 50-090R SAW AND FOLDING STAND #50-095.

50-090RC: CONTRACTOR SAW, INCLUDES 50-090R SAW AND FIXED LEG STEEL STAND #50-096.

- Heavy-duty, precision cast-iron, ribbed table with miter gauge t-slots.
- 2 1/2" dust port allows easy connection to a dust collection system.
- Deluxe, quick adjusting miter gauge.
- Ruggedly built saw carriage.
- Arbor driven by a two step belt, ensuring straightness and accuracy when the blade is tilted.
- Heavy-duty folding stand with wheels for easy mobility and storage (50-090RK M1).
- Sturdy open base steel stand (50-090RC M1).
- Combination riving style splitter and see through blade guard with anti-kickback pawls, and a second European style riving knife also included.
- Includes new Excalibur aluminum T-fence style precision rip fence system.
- Smooth running belt driven 2 HP induction motor for quiet start-up and operation, and longer running life.
- Large paddle-style stop switch.

SPECIFICATIONS

BLADE DIAMETER
10" (254 mm)

ARBOR DIAMETER
5/8" (16 mm)

MAXIMUM DEPTH OF CUT AT 90°
3 1/4" (83 mm)

MAXIMUM DEPTH OF CUT AT 45°
2 5/16" (59 mm)

MAXIMUM RIP TO RIGHT OF BLADE
36" (914 mm)

DADO CAPACITY
3/4" (19 mm)

ARBOR SPEED
3450 RPM

TABLE SIZE (W/O EXTENSION WINGS)
20" x 25 1/4" (508 x 641 mm)

EXTENSION WINGS SIZE (2)
10" x 25 1/4" (254 x 641 mm)

DUST PORT DIAMETER
2 1/2" (64 mm)

OVERALL DIMENSIONS (L X W X H)
69" x 38" x 42 1/2" (1745 x 965 x 1080 mm) - *50-090RK*
66 1/2" x 38" x 43 1/2" (1690 x 965 x 1150 mm) - *50-090RC*

MOTOR (PRE-WIRED 110 V)
2 HP, 110 / 220 V, 11.5/5.7A

WEIGHT
233 LBS (106 kg) - *50-090RK*
217 LBS (98.5 kg) - *50-090RC*

MODEL
#50-090RK MI
#50-090RC MI

VERSION 1_REVISION 1- December 2013 (53719711)
© Copyright General® International

GENERAL® INTERNATIONAL
8360 Champ-d'Eau, Montreal (Quebec) Canada H1P 1Y3
Telephone (514) 326-1161 • Fax (514) 326-5555 • www.general.ca

THANK YOU for choosing this General International model 50-090R table saw. This saw has been carefully tested and inspected before shipment and if properly used and maintained, will provide you with years of reliable service. To ensure optimum performance and trouble-free operation, and to get the most from your investment, please take the time to read this manual before assembling, installing and operating the unit.

The manual's purpose is to familiarize you with the safe operation, basic function, and features of this saw as well as the set-up, maintenance and identification of its parts and components. This manual is not intended as a substitute for formal woodworking instruction, nor to offer the user instruction in the craft of woodworking. If you are not sure about the safety of performing a certain operation or procedure, do not proceed until you can confirm, from knowledgeable and qualified sources, that it is safe to do so.

Once you've read through these instructions, keep this manual handy for future reference.

GENERAL ® INTERNATIONAL WARRANTY

All component parts of General® International machinery are carefully tested and inspected during all stages of production, and each machine is thoroughly inspected upon completion of assembly. Because of our commitment to quality and customer satisfaction, General® International agrees to repair or replace, within a period of 24 months from date of purchase, any genuine part or parts which, upon examination, prove to be defective in workmanship or material. In order to obtain this warranty, all defective parts must be returned freight pre-paid to General® International Mfg. Co., Ltd. Repairs attempted without our written authorization will void this warranty.

Disclaimer: The information and specifications in this manual pertain to the unit as it was supplied from the factory at the time of printing. Because we are committed to making constant improvements, General International reserves the right to make changes to components, parts or features of this unit as deemed necessary, without prior notice and without obligation to install any such changes on previously delivered units. Reasonable care is taken at the factory to ensure that the specifications and information in this manual corresponds with that of the unit with which it was supplied. However, special orders and "after factory" modifications may render some or all information in this manual inapplicable to your machine. Further, as several generations of this model of saw and several versions of this manual may be in circulation, if you own an earlier or later version of this unit, this manual may not depict your machine exactly. If you have any doubts or questions contact your retailer or our support line with the model and serial number of your unit for clarification.

GENERAL® INTERNATIONAL WARRANTY

All component parts of General® International and Excalibur by General International® products are carefully inspected during all stages of production and each unit is thoroughly inspected upon completion of assembly.

Limited Lifetime Warranty
Because of our commitment to quality and customer satisfaction, General® International agrees to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material to the original purchaser for the life of the tool. However, the Limited Lifetime Warranty does not cover any product used for professional or commercial production purposes nor for industrial or educational applications. Such cases are covered by our Standard 2-year Limited Warranty only. The Limited Lifetime Warranty is also subject to the "Conditions and Exceptions" as listed below.

Standard 2-Year Limited Warranty
All products not covered by our lifetime warranty including products used in commercial, industrial and educational applications are warranted for a period of 2 years (24 months) from the date of purchase. General® International agrees to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material to the original purchaser during this 2-year warranty period, subject to the "conditions and exceptions" as listed below.

To file a Claim
To file a claim under our Standard 2-year Limited Warranty or under our Limited Lifetime Warranty, all defective parts, components or machinery must be returned freight or postage prepaid to General® International, or to a nearby distributor, repair center or other location designated by General® International. For further details call our service department at 1-888-949-1161 or your local distributor for assistance when filing your claim.

Along with the return of the product being claimed for warranty, a copy of the original proof of purchase and a "letter of claim" must be included (a warranty claim form can also be used and can be obtained, upon request, from General® International or an authorized distributor) clearly stating the model and serial number of the unit (if applicable) and including an explanation of the complaint or presumed defect in material or workmanship.

CONDITIONS AND EXCEPTIONS:
This coverage is extended to the original purchaser only. Prior warranty registration is not required but documented proof of purchase i.e. a copy of original sales invoice or receipt showing the date and location of the purchase as well as the purchase price paid, must be provided at the time of claim.
Warranty does not include failures, breakage or defects deemed after inspection by General® International to have been directly or indirectly caused by or resulting from; improper use, or lack of or improper maintenance, misuse or abuse, negligence, accidents, damage in handling or transport, or normal wear and tear of any generally considered consumable parts or components.

Repairs made without the written consent of General® International will void all warranty.

TABLE OF CONTENTS

SAFETY RULES **5**

ELECTRICAL REQUIREMENTS **6**
Grounding instructions 6
Circuit capacity 6
Converting the motor to 220V 6
Extension cords 6

IDENTIFICATION OF MAIN PARTS AND COMPONENTS **7**

UNPACKING & SET UP **8**
Unpacking 8
List of contents 8
Additional requirements for set up 8

PLACEMENT WITHIN THE SHOP / ESTABLISHING A SAFETY ZONE **9**

CLEAN UP **9**

ASSEMBLY INSTRUCTIONS **10**
Assemble the folding stand (#50-095) 10
Assemble the fixed leg stand (#50-096) 11
Assemble the saw 12
Assemble the front fence rails 13
Assemble the rear fence rails 14
Mount the switch 14
Install / remove a saw blade 15
Adjusting the bevel angle pointer 15
Selecting, install and adjusting riving knife 15
Select a riving knife 15
Removal/installation 16
Centering the splitter / riving knife on the blade 16
Remove / install the blade cover 16
Remove 16
Install 17
Remove / install the anti-kickback pawls 17
Level the table insert 17
Align and level the rip fence 18
Align the rip fence parallel to the blade 18
Align the rip fence 90° to the table 18
Level the fence 18
Adjust & align rip fence pointer 19
Connecting to a dust collector 19

BASIC ADJUSTMENTS AND CONTROLS **19**
Connecting to a power source 19
ON/OFF switch and safety pin & padlock 20

OPERATING INSTRUCTIONS **20**
Ripping 20
Bevel ripping 21
Ripping small work pieces 21
Cross cutting 21
Align-a-cut 21
Bevel cross cutting 22
Adjusting and using the miter gauge 22
Adding an auxiliary fence to the miter gauge 22
Miter cuts 23
Compound mitering 23
Using a dado head blade 23
Instructions for folding & unfolding the stand (#50-095) 24

RECOMMENDED OPTIONAL ACCESSORIES **24**

PARTS LIST AND DIAGRAMS ..... **25 - 35**

CONTACT INFORMATION **36**

RULES FOR SAFE OPERATION

To help ensure safe operation, please take a moment to learn the machine's applications and limitations, as well as potential hazards. General® International disclaims any real or implied warranty and holds itself harmless for any injury that may result from improper use of its equipment.

1. Do not operate the saw when tired, distracted, or under the effects of drugs, alcohol or any medication that impairs reflexes or alertness.

2. The working area should be well lit, clean and free of debris.

3. Keep children and visitors at a safe distance when the saw is in operation; do not permit them to operate the saw.

4. Childproof and tamper proof your shop and all machinery with locks, master electrical switches and switch keys, to prevent unauthorized or unsupervised use.

5. **Stay alert!** Give your work your undivided attention. Even a momentary distraction can lead to serious injury.

6. Fine particulate dust is a carcinogen that can be hazardous to health. Work in a well-ventilated area and whenever possible use a dust collector and wear eye, ear and respiratory protection devices.

7. Do not wear loose clothing, gloves, bracelets, necklaces or other jewelry while the saw is in operation. Wear protective hair covering to contain long hair and wear non-slip footwear.

8. Be sure that adjusting wrenches, tools, drinks and other clutter are removed from the machine and/or the table surface before operating.

9. Keep hands well away from the blade and all moving parts. Use a brush, not hands, to clear away chips and dust.

10. Be sure that the blade is securely installed and in proper cutting direction before operation.

11. Be sure the blade has gained full operating speed before beginning to cut.

12. Always use a clean, properly sharpened blade. Dirty or dull blades are unsafe and can lead to accidents.

13. If using a power feeder, stop the feeder before stopping the table saw.

14. Do not push or force stock into the blade. The saw will perform better and more safely when working at the rate for which it was designed.

15. Use suitable support when cutting stock that does not have a flat surface. Always hold stock firmly against the fence when ripping, or against the miter gauge when cross-cutting.

16. To minimize risk of injury in the event of workpiece kickback, never stand directly in-line with the blade or in the potential kickback path of the work piece.

17. Avoid working from awkward or off balance positions. Do not overreach while cutting; keep both feet on floor. Never lean over or reach over the blade and never pull the work piece over the blade from behind. Use out feed support or have an assistant help when ripping long material.

18. Keep blade guards in place and in working order. If a guard must be removed for maintenance or cleaning, be sure it is properly reattached before using the tool again.

19. Never leave the machine running with the power on when not in operation.

20. Use of parts and accessories NOT recommended by GENERAL® INTERNATIONAL may result in equipment malfunction or risk of injury.

21. Never stand on machinery. Serious injury could result if the tool is tipped over or if the blade is unintentionally contacted.

22. Always disconnect tool from power before servicing or changing accessories such as blades, or before performing any maintenance, cleaning or adjustments, or if the machine will be left unattended.

23. Make sure that switch is in "OFF" position before plugging in the power cord.

24. Make sure the tool is properly grounded. If equipped with a 3-prong plug it should be used with a three-pole receptacle. Never remove the third prong.

25. Do not use this saw for other than its intended use. If used for other purposes, GENERAL® INTERNATIONAL disclaims any real implied warranty and holds itself harmless for any injury, which may result from that use.

26. Don't use in dangerous environment. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.

27. Always use safety glasses. Also use face or dust mask if cutting operation is dusty. Everyday eye glasses only have impact resistant lenses, they are not safety glasses.

28. Use clamps or a vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.

29. Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

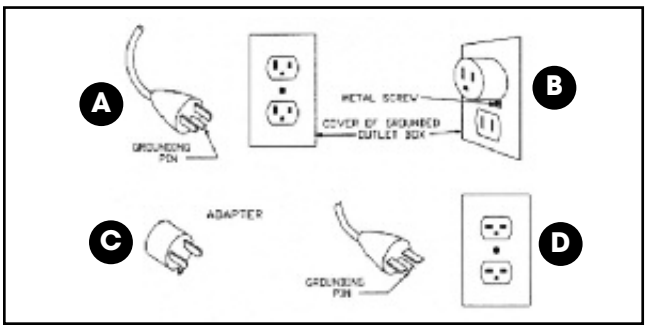
30. Direction of feed. Feed work into blade against the direction of rotation of the blade.

ELECTRICAL REQUIREMENTS

BEFORE CONNECTING THE MACHINE TO THE POWER SOURCE, VERIFY THAT THE VOLTAGE OF YOUR POWER SUPPLY CORRESPONDS WITH THE VOLTAGE SPECIFIED ON THE MOTOR I.D. NAMEPLATE. A POWER SOURCE WITH GREATER VOLTAGE THAN NEEDED CAN RESULT IN SERIOUS INJURY TO THE USER AS WELL AS DAMAGE TO THE MACHINE. IF IN DOUBT, CONTACT A QUALIFIED ELECTRICIAN BEFORE CONNECTING TO THE POWER SOURCE.

THIS TOOL IS FOR INDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR USE IN WET OR DAMP LOCATIONS.

GROUNDING INSTRUCTIONS



In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet; have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.

Use only three prong grounding plugs and receptacles that accept that type of plug. Repair or replace damaged or worn cord immediately.

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in *Sketch* ***A***. The tool has a grounding plug that looks like the plug illustrated in *Sketch* ***A***. A temporary adapter, which looks like the adapter illustrated in *Sketches* ***B*** and ***C***, may be used to connect this plug to a two pole receptacle as shown in *Sketch* ***B*** if a properly grounded outlet is not available. The temporary adapter should be used only if a properly grounded outlet has been installed by a qualified electrician - this adapter is not permitted in Canada.

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in *Sketch* ***D***. The tool has a grounding plug that looks like the plug illustrated in *Sketch* ***D***. Make sure the tool is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this tool. If the tool must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel; and after reconnection, the tool should comply with all local codes and ordinances.

CIRCUIT CAPACITY

Make sure that the wires in your circuit are capable of handling the amperage draw from your machine, as well as any other machines that could be operating on the same circuit. If you are unsure, consult a qualified electrician. If the circuit breaker trips or the fuse blows regularly, your machine may be operating on a circuit that is close to its amperage draw capacity. However, if an unusual amperage draw does not exist and a power failure still occurs, contact a qualified technician or our service department.

CONVERTING THE MOTOR TO 220V

Note: When converting motor voltage on a machine that is equipped with a magnetic switch, the switch contactor must also be changed out for one made for the appropriate voltage, as well as the thermal relay/circuit breaker and "power in" indicator light (if applicable). Failure to make these necessary modifications to the switch will lead to malfunction and permanent switch failure.

Should you need to convert your machine's motor from 110V to 220V power, there is an electrical schematic drawing on the inside of the motor cover plate. Unless you are a qualified electrician, we do not recommend attempting this conversion on your own. If you choose to do so, you may risk serious personal injury, damage to the motor and voiding the warranty of your machine.

We suggest you ask your local General International distributor to recommend qualified electricians in your area (or perhaps one of their own technicians) who can make this conversion properly and safely.

EXTENSION CORDS

If you find it necessary to use an extension cord with your machine, use only 3-wire extension cords that have 3-prong grounding plug and a matching 3-pole receptacle that accepts the tool's plug. Repair or replace a damaged extension cord or plug immediately.

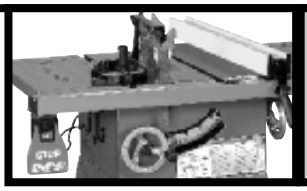
Make sure the cord rating is suitable for the amperage listed on the motor I.D. plate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The accompanying chart shows the correct size extension cord to be used based on cord length and motor I.D. plate amp rating. If in doubt, use the next heavier gauge. The smaller the number, the heavier the gauge.

Use proper extension cord. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

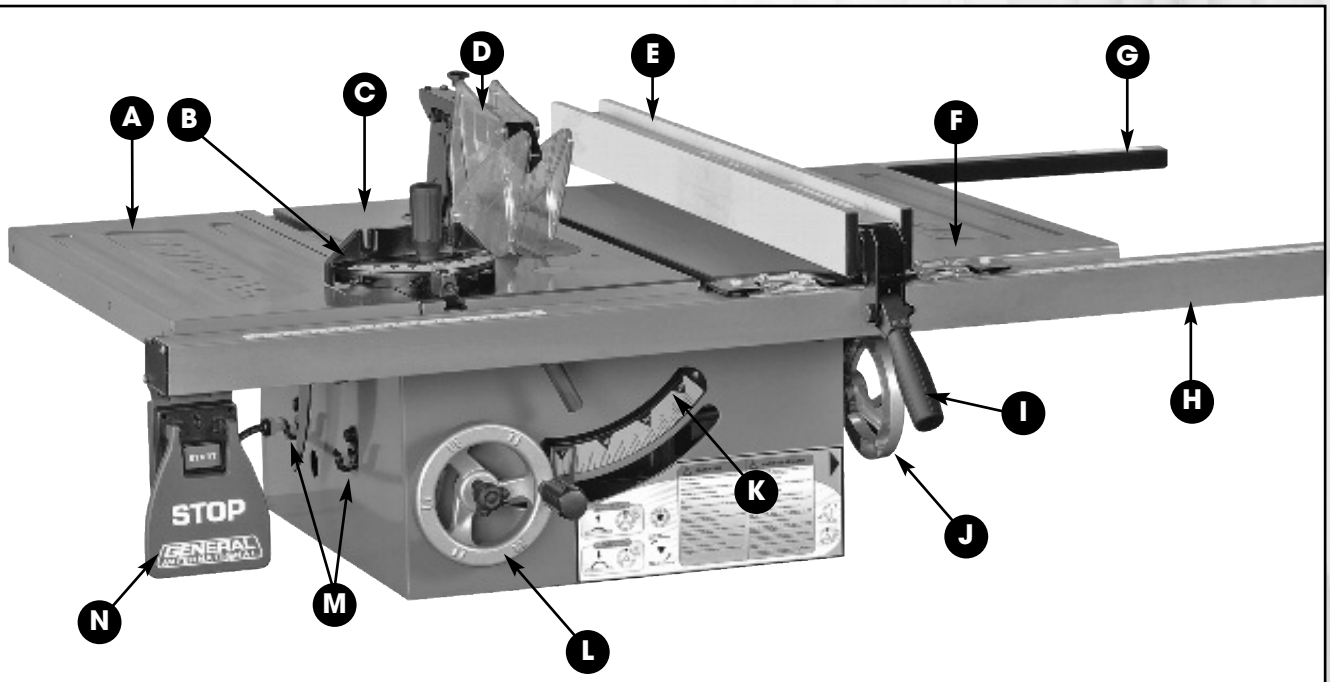
TABLE - MINIMUM GAUGE FOR CORD

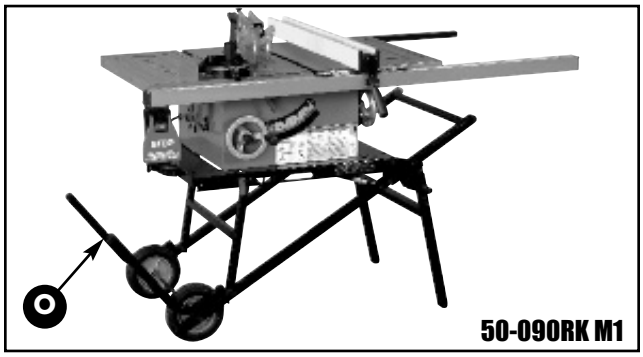
AMPERE RATING	TOTAL LENGTH OF CORD IN FEET				
	110 VOLTS	25 FEET	50 FEET	100 FEET	150 FEET
	220 VOLTS	50 FEET	100 FEET	200 FEET	300 FEET
	AWG				
< 5	------->	18	16	16	14
6 TO 10	------->	18	16	14	12
10 TO 12	------->	16	16	14	12
12 TO 16	------->	14	12	* NR	* NR

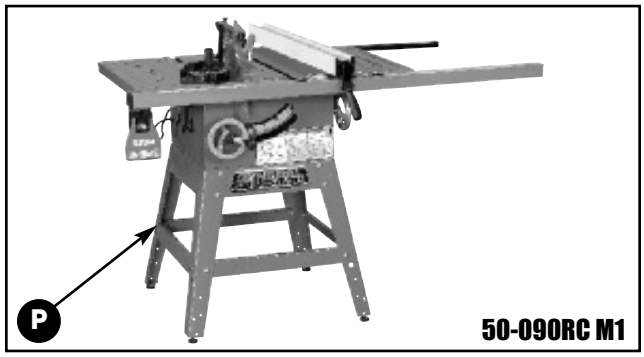
*** NR = Not Recommended**



IDENTIFICATION OF MAIN PARTS AND COMPONENTS







A- LEFT TABLE EXTENSION

B- MITER GAUGE

C- MAIN TABLE

D- BLADE GUARD AND SPLITTER ASSEMBLY

E- RIP FENCE

F- RIGHT TABLE EXTENSION

G- REAR RAIL

H- FRONT RAIL

I- RIP FENCE LOCKING HANDLE

J- BLADE TILT ADJUSTMENT HANDWHEEL

K- BEVEL SCALE

L- BLADE HEIGHT ADJUSTMENT HANDWHEEL

M- MITER GAUGE STORAGE BRACKET

N- ON/OFF SWITCH

O- FOLDING STAND (50-090RK)

P- FIXED LEG STAND (50-090RC)

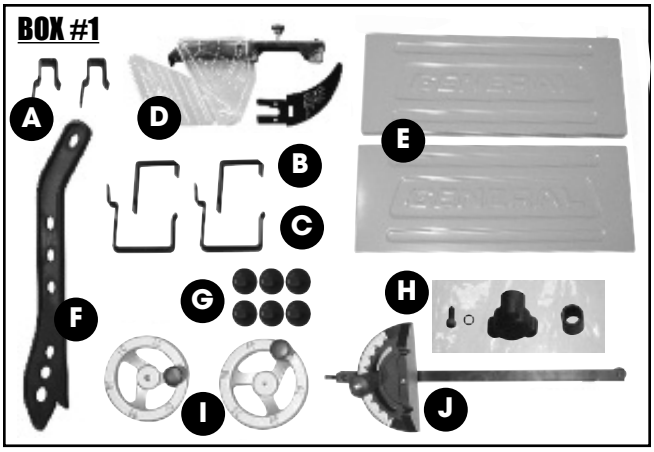
UNPACKING & SET UP

UNPACKING

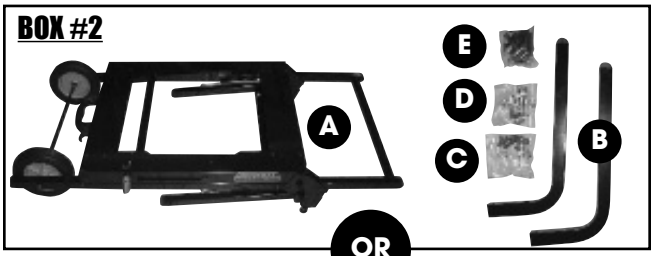
Carefully unpack and remove the unit and its components from its shipping containers and check for missing or damaged items as per the list contents below.
Note: Please report any damaged or missing items to your General International distributor immediately.

LIST OF CONTENTS

BOX #1 - SAW & COMPONENTS:	Qty
A - MITER GAUGE STORAGE HOOK	2
B - TOOL STORAGE HOOK	2
C - FENCE STORAGE HOOK	2
D - BLADE GUARD & RIVING KNIFE	1
E - TABLE EXTENSIONS	2
F - PUSH STICK	1
G - FLANGE HEAD BOLT	6
H - HARDWARE BAG	1
I - HANDWHEELS	2
J - MITER GAUGE	1

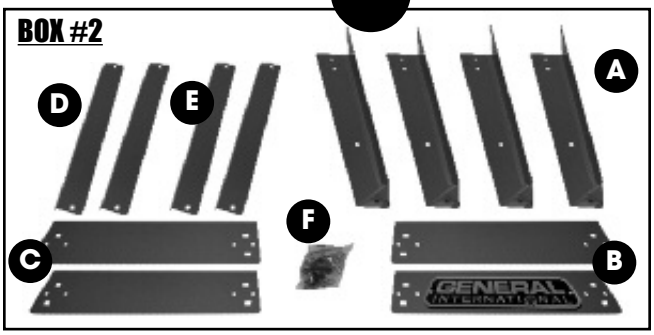


BOX #2 - FOLDING STAND (50-090RK M1):	Qty
A - PARTIALLY ASSEMBLED FOLDING STAND	1
B - VERTICAL SUPPORT LEGS	2
C - SUPPORT LEG MOUNTING HARDWARE	1
D - PISTON MOUNTING HARDWARE	1
E - SAW TO STAND MOUNTING HARDWARE	1

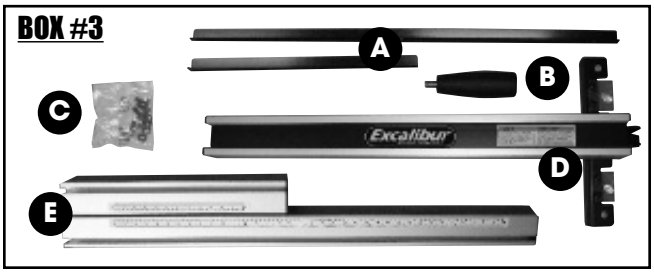


OR

BOX #2 - FIXED LEG STAND (50-090RC M1):	Qty
A - STAND LEG	4
B - TOP CROSS BRACE (FRONT & BACK)	2
C - TOP CROSS BRACE (SIDE)	2
D - BOTTOM CROSS BRACE (FRONT & BACK)	2
E - BOTTOM CROSS BRACE (SIDE)	2
F - HARDWARE BAG	1

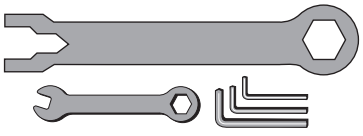


BOX #3 - FENCE:	Qty
A - REAR FENCE RAILS	2
B - FENCE LOCK HANDLE	1
C - HARDWARE BAG	1
D - FENCE BODY	1
E - FRONT FENCE RAILS	2



ASSEMBLY TOOLS PROVIDED

- 2 Arbor blade guard bracket wrenches
- 11-13 mm combination wrench
- 3 Allen wrenches



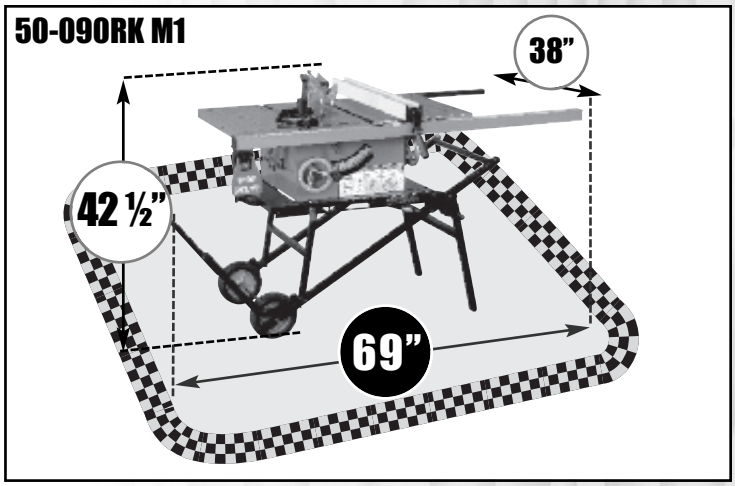
ADDITIONAL TOOLS NEEDED

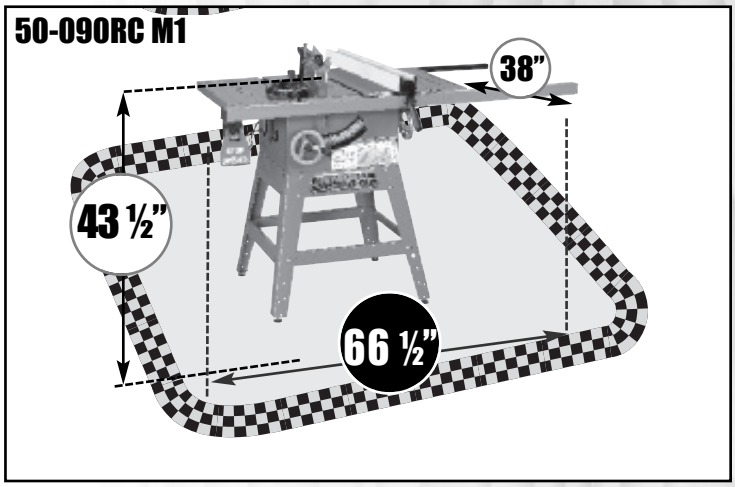
- Straightedge
- Large slot & large Phillips screwdrivers
- Socket wrench kit (recommended) & adjustable wrench
- An extra person for help with lifting

PLACEMENT WITHIN THE SHOP / ESTABLISHING A SAFETY ZONE

THIS MODEL IS HEAVY. DO NOT OVER-EXERT. A HOIST OR FORKLIFT WITH STRAPS SHOULD BE USED TO LIFT THIS MACHINE.

TO LIMIT THE RISK OF SERIOUS INJURY OR DAMAGE TO THE MACHINE, ANY EQUIPMENT USED TO LIFT THIS MACHINE SHOULD HAVE A RATED CAPACITY IN EXCESS OF 233 LBS (106 KG) FOR 50-090RK & 217 LBS (98.5 KG) FOR 50-090RC.





PLACEMENT WITHIN THE SHOP

This machine should be installed and operated only on a solid, flat and stable floor that is able to support the weight of the saw and the operator.

Using the dimensions shown as a guideline, plan for placement within your shop that will allow the operator to work unencumbered and unobstructed by foot traffic (either passing shop visitors or other shop workers) or other tools or machinery.

ESTABLISHING A SAFETY ZONE

For shops with frequent visitors or multiple operators, it is advisable to establish a safety zone around shop machinery. A clearly defined "no-go" zone on the floor around each machine can help avoid accidents that could cause injury to either the operator or the shop visitor. It is advisable to take a few moments to either paint (using non-slip paint) or using tape, define on the floor the limits or perimeter of each machines safety zone. Take steps to ensure that all operators and shop visitors are aware that these areas are off limits whenever a machine is running for everyone but the individual operating the unit.

CLEAN UP

The protective coating on the saw table prevents rust from forming during shipping and storage. Remove it by rubbing with a rag dipped in kerosene, mineral spirits or paint thinner. (Dispose of potentially flammable solvent-soaked rags according to manufacturer's safety recommendations.)

A putty knife, held flat to avoid scratching the surface, may also be used to scrape off the coating followed by clean-up with solvent. Avoid rubbing the saw's painted surfaces, as many solvent-based products will remove paint.

To prevent rust, apply a light coating of paste wax or use regular applications of any after-market surface protectant or rust inhibitor.

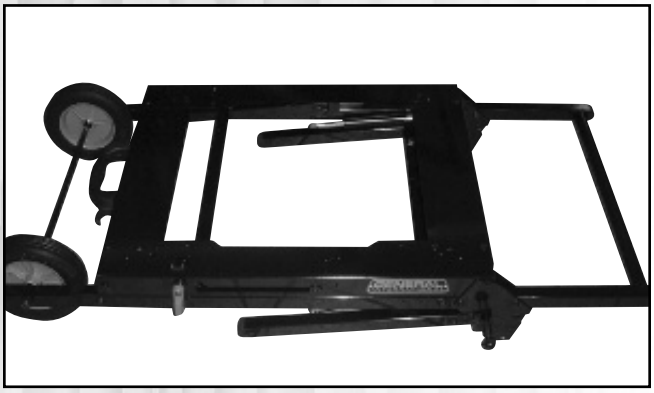
Tip: With a screw driver, push a solvent-saturated rag into the T-slots to remove the grease.

ASSEMBLY INSTRUCTIONS

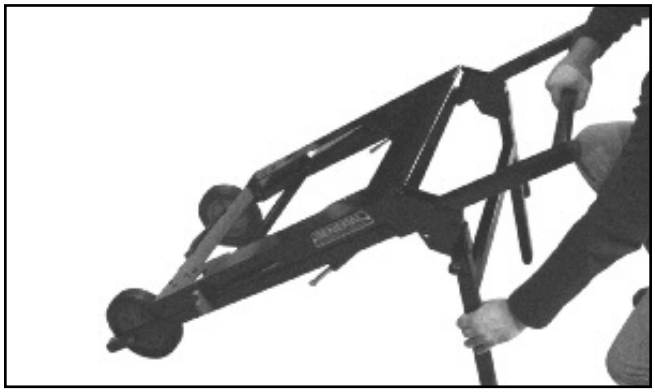
SERIOUS PERSONAL INJURY COULD OCCUR IF YOU CONNECT THE MACHINE TO THE POWER SOURCE BEFORE YOU HAVE COMPLETED THE INSTALLATION AND ASSEMBLY STEPS. DO NOT CONNECT THE MACHINE TO THE POWER SOURCE UNTIL INSTRUCTED TO DO SO.

ASSEMBLE THE FOLDING STAND (50-095 SUPPLIED WITH 50-090RK M1 ONLY)

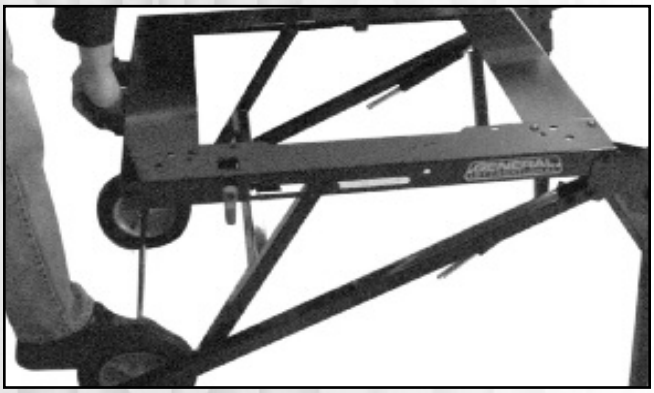
The folding stand comes partially assembled. To complete the stand assembly follow the steps listed below. ***(Please note that if you purchased this saw as a special order version 50-090R M1 or 50-090RC, then the folding stand is not included - please skip ahead to the next section "Assemble the Saw").***



1. Lay the stand flat on the ground as shown.



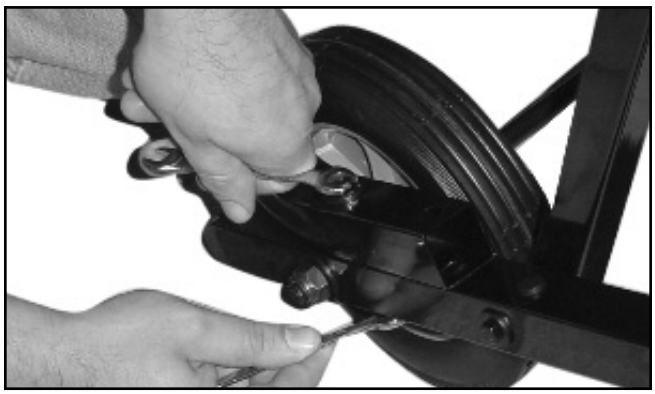
2. Raise the handle off the ground and lower the support legs as shown.



3. Raise the front handle until the front support bracket click and locks into place.

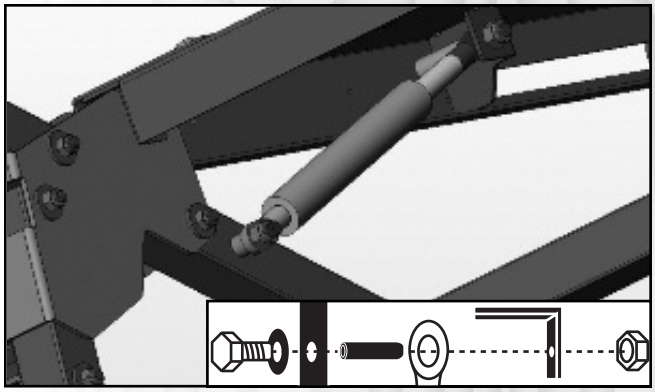
4. Attach the 2 vertical support legs as shown above. Hold the leg onto the frame of the stand lining up the 2 holes in the leg with the corresponding holes in the stand.

5. Fit a spacer/bushing into the hole.



6. Using a 10 mm socket and 10 mm or adjustable wrench, secure each leg using a bolt, 2 washers and a nut (supplied) for each of the 2 holes per leg.

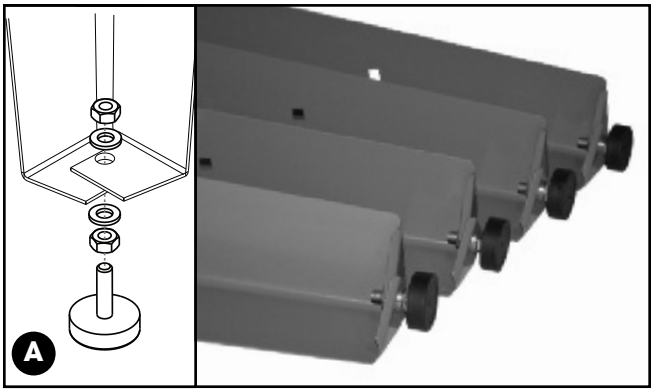
7. To access the 2 pistons tilt the stand forward onto its vertical support legs as shown.



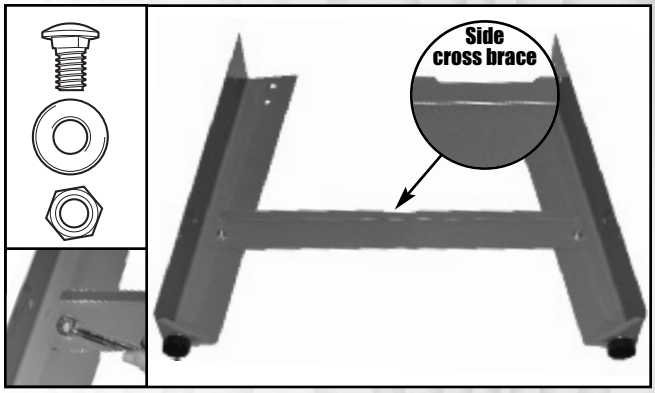
8. Using a 1/2" socket and 1/2" or adjustable wrench secure the 2 pistons to the stand frame using the bolt, washer, spacer & nut in the sequence shown.

ASSEMBLE THE FIXED LEG STAND (50-096 SUPPLIED WITH 50-090RC M1 ONLY)

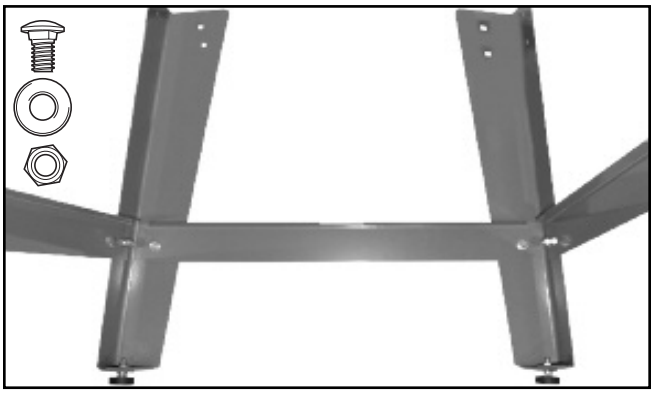
To assemble the fixed leg stand assembly follow the steps listed below. ***(Please note that if you purchased this saw as a special order version 50-090R M1 or 50-090RK M1, then the fixed leg stand is not included - please skip ahead to the next section "Assemble the Saw").***



1. Attach a levelling foot to each leg using 2 hex nuts and 2 flat washers per leg, in the assembly order shown above **A**.

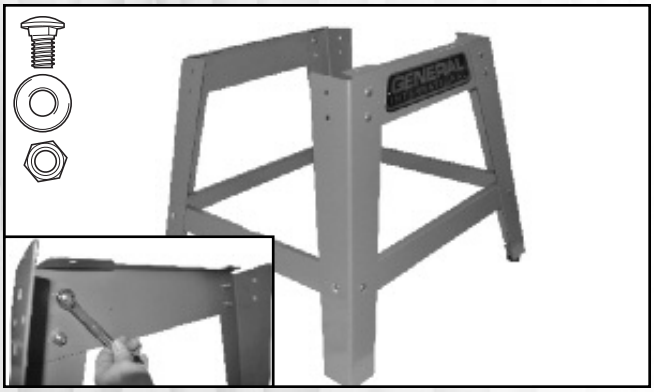


2. Attach one side cross brace to 2 stand legs as shown using 2 carriage bolts, washers and nuts. Repeat with the other side cross brace and other 2 legs.

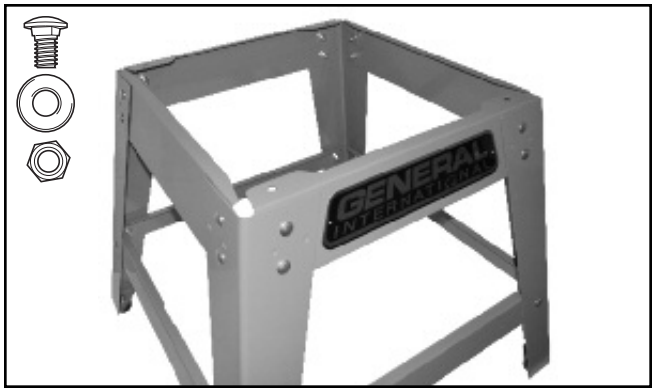


3. Attach the front and rear cross braces to one side cross brace/leg assembly as shown using 2 carriage bolts, flat washers and hex nuts.

4. Attach the second side cross brace/leg assembly to the front and rear cross braces as shown using 2 carriage bolts, flat washers and hex nuts.



5. Attach the front and rear top shelves as shown using 4 carriage bolts, flat washers and hex nuts for each cross brace.



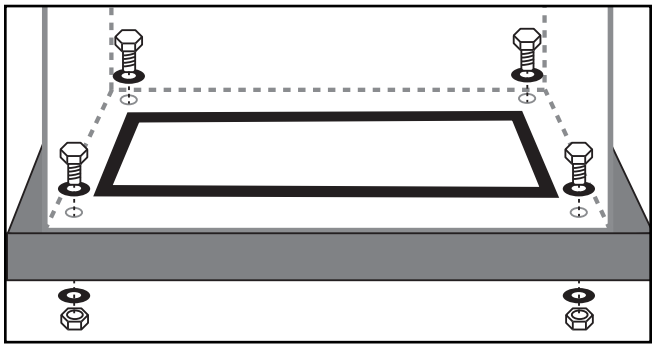
6. Attach the two side top shelves as shown using 4 carriage bolts, flat washers and hex nuts for each cross brace.

ASSEMBLE THE SAW

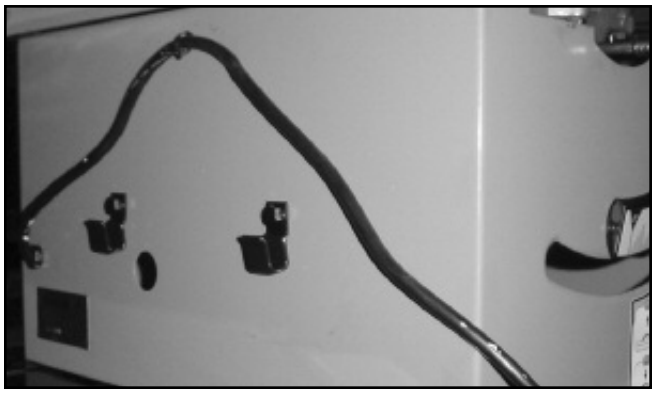
With the help of an assistant lift the saw onto the stand (or your own stand if the unit was special ordered without the stock stand).

Using a 13 mm wrench & socket, secure the saw to the stand with the supplied bolts, nuts and washers in the order shown.

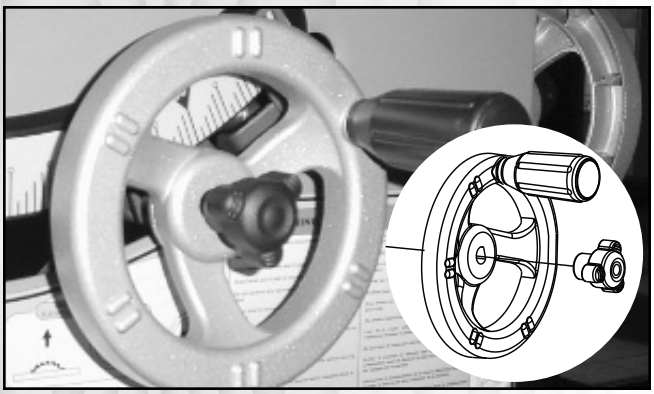
THIS TABLE SAW IS HEAVY. SEEK ASSISTANCE WHEN LIFTING IT ONTO THE STAND.



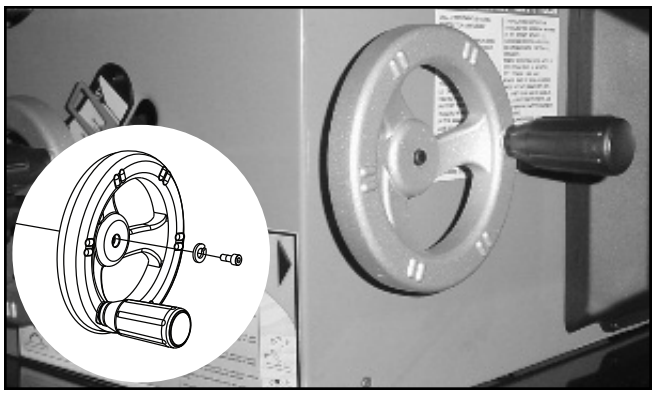
Install the fence storage brackets to the saw as shown.



Install the miter gauge storage brackets to the saw as shown.

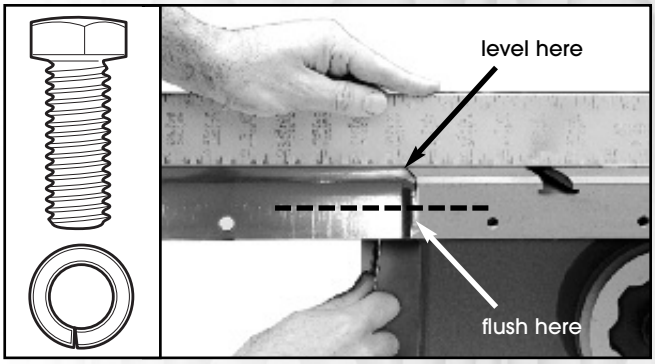


Install the blade height adjustment hand wheel as shown.

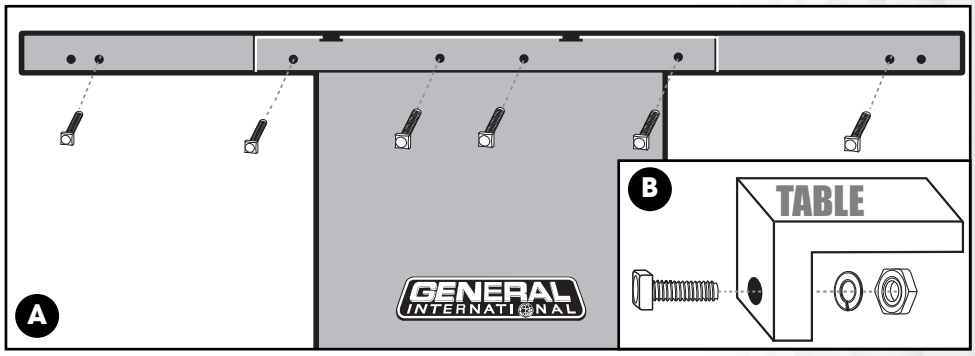


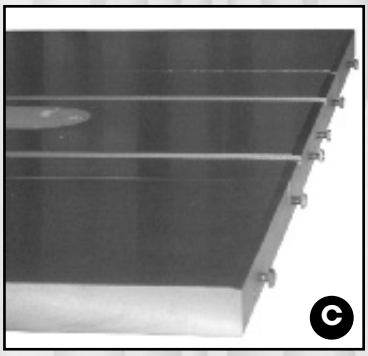
Install the blade tilting hand wheel as shown.

Attach the steel table extension wings to the main table as shown using 8 12mm hex head bolts (4 per wing) and 8 lock washers. Align the table extensions with the table and loosely attach the bolts. Place a straight edge on the table and extension as shown to align the extension table and then tighten down the bolts.

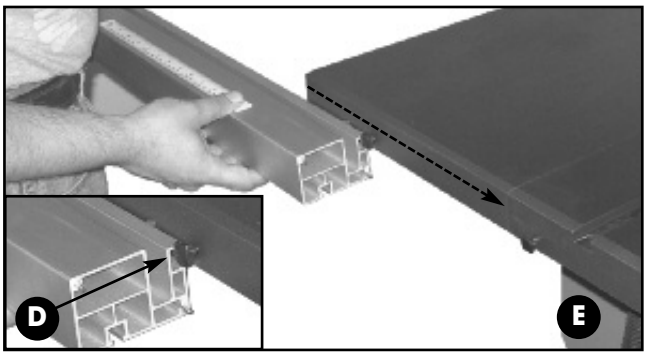


ASSEMBLE THE FRONT FENCE RAILS



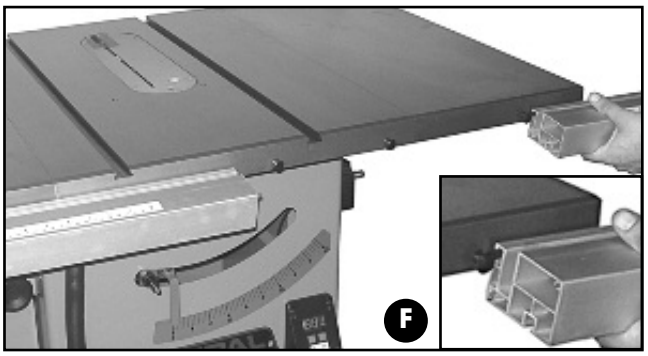


1. Loosely thread the six square head bolts to the front of the table as shown in **A**. Assemble the fasteners in the order shown in **B**.
2. Do not tighten down the nuts; leave the square heads of the bolt protruding from the table as shown in **C**.

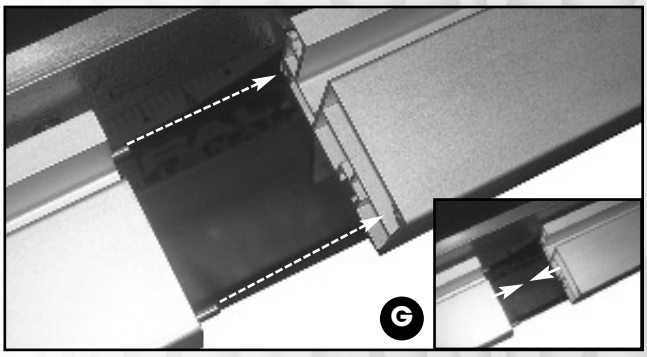


3. From the left side of the saw, slide the upper slot **D** of the left (shorter) front rail onto the square head bolts **E**.

4. Set the left end of the rail flush to the outside edge of the extension wing.

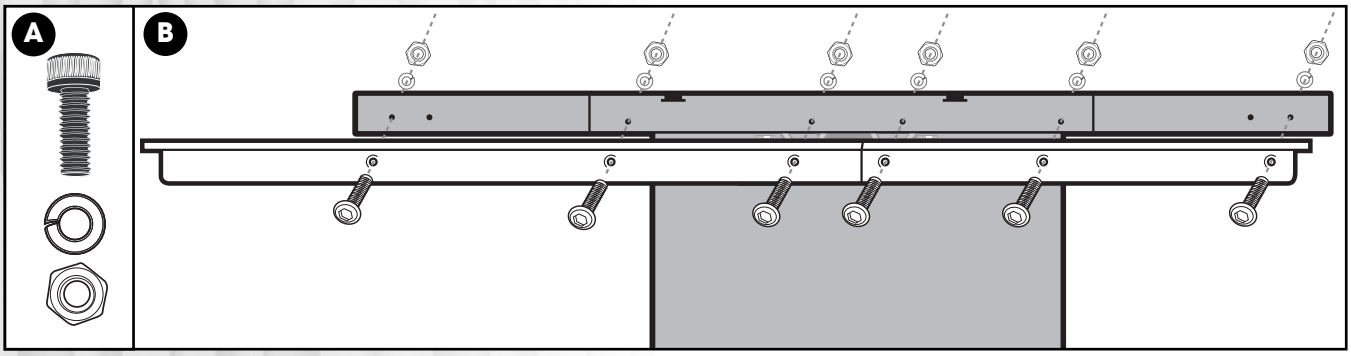


5. From the right side of the saw, slide the upper slot of the right front rail onto the square head bolts **F**.

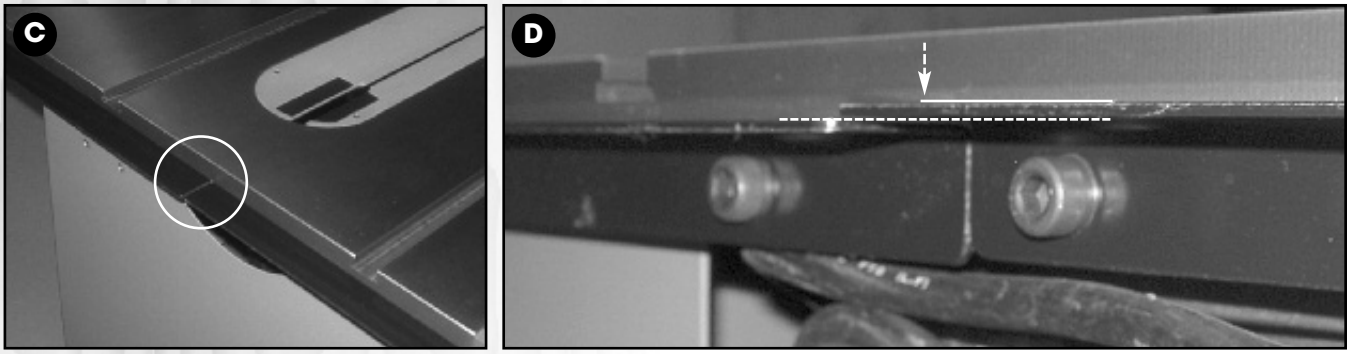


6. Fit the 2 rails together **G**.
7. Tighten down the nuts to firmly secure the front rails to the table.

ASSEMBLE THE REAR FENCE RAILS

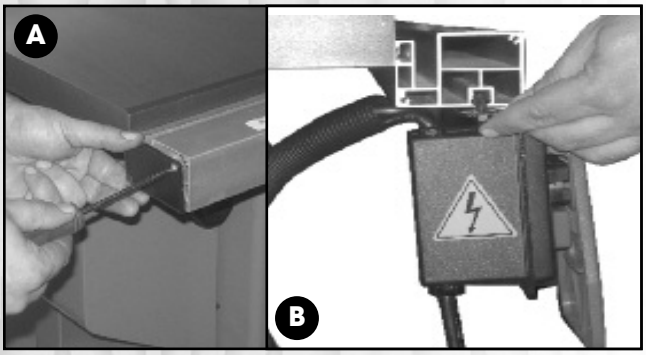


1. Use 6 cap screws with lock washers and nuts **A** to assemble the rear rails to the rear of the saw as shown **B**.



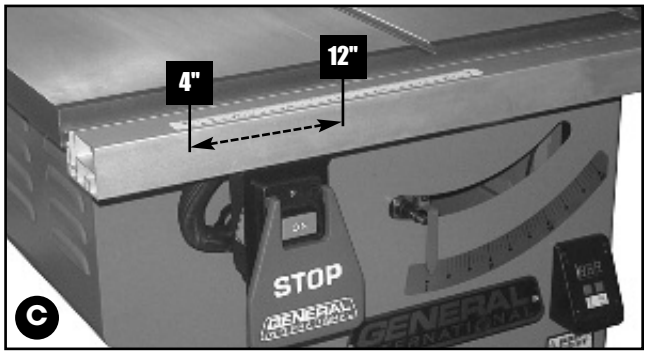
2. Make sure that the intersection **C** between the two rear rails is leveled **D**.

MOUNT THE SWITCH



1. Temporarily remove the end cap from the left end of the front rail **A**.

2. Slide the heads of the bolts of the switch mounting bracket into the t-sot on the underside of the fence rail **B**.



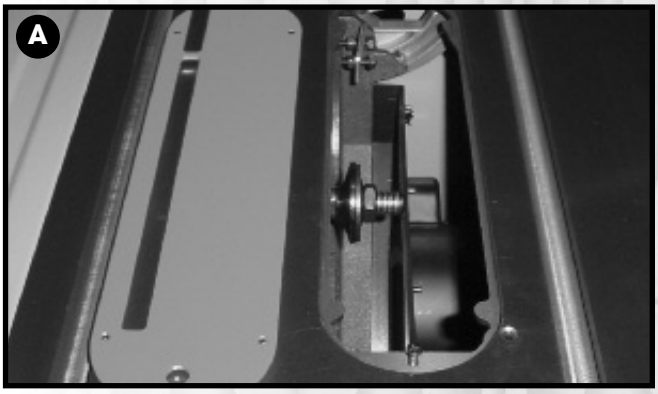
3. Position the switch somewhere between 4" and 12" from the end of the fence rail **C**, depending upon your personal preference.

4. Tighten the screws to secure the switch in place.

5. Reinstall the end cap on the front rail.

INSTALL / REMOVE A SAW BLADE

BE SURE THE SAW IS UNPLUGGED AND COMPLETELY DISCONNECTED FROM THE POWER SOURCE WHENEVER INSTALLING OR REMOVING A SAW BLADE!



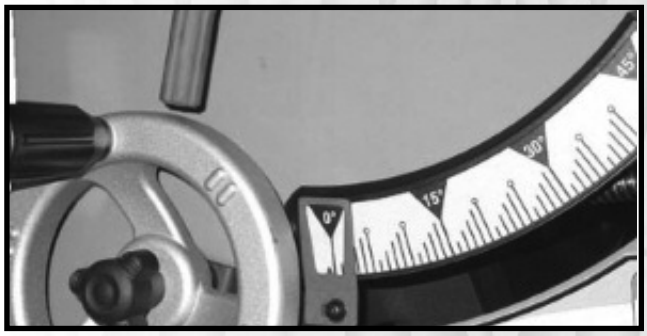
1. Loosen the retaining screw and remove the table insert plate, **A**.
2. Install a saw blade (not supplied with the saw) so that the openings between the teeth face the front of the saw (the blade spins in the counter-clockwise direction).
3. Replace the flange and arbor nut. Wedge a board between the saw teeth at the back of the saw, **B**, so the blade won't turn as you tighten the nut clockwise with the arbor wrench.

Remove a saw blade: wedge a block of wood between the teeth in front of the saw and turn the arbor wrench toward you, or counter-clockwise.

NOTE: This saw is intended for use with 10" (250mm) diameter or less saw blades having a center hole diameter of 5/8". There are many types of blades available to perform specific cutting jobs, such as crosscuts or ripping only, or for use with plywood, panelling and other products. A good quality specialty blade can produce a finer finish, be more efficient and place less strain on the saw. Use only saw blades designed for use at a maximum operating speed of 6000 RPM or less. Saw blades should be kept clean and sharp. Never store saw blades by stacking them directly in contact with each other. Place a layer of cardboard or similar material between the blades to keep them from coming into contact with each other.

ADJUSTING THE BEVEL ANGLE POINTER

The bevel pointer should read "0" when the blade is at 90° to the table. If not, loosen the pointer screw, manually reset the pointer to 0 and re-tighten the screw.



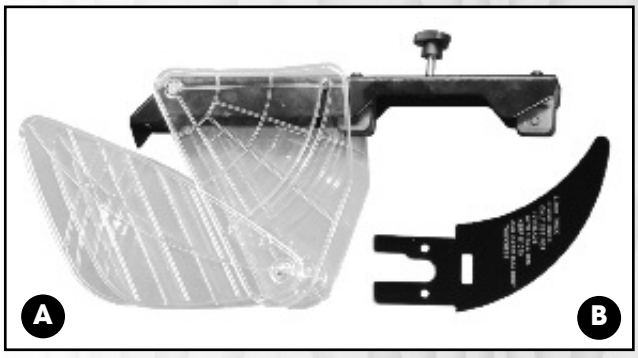
SELECTING, INSTALLING AND ADJUSTING RIVING KNIFE

SELECT A RIVING KNIFE

Two riving knives are provided:

- A combination riving style splitter and blade guard with anti-kickback pawls **A**;
- A European style riving knife without blade guard **B**.

The riving knife must always be used with a blade guard. If you already own an independently attached blade-guard such as our Excalibur 50-EXBC10, use the riving knife **B**. If you do not already own a blade guard, use the splitter/blade guard assembly **A**.

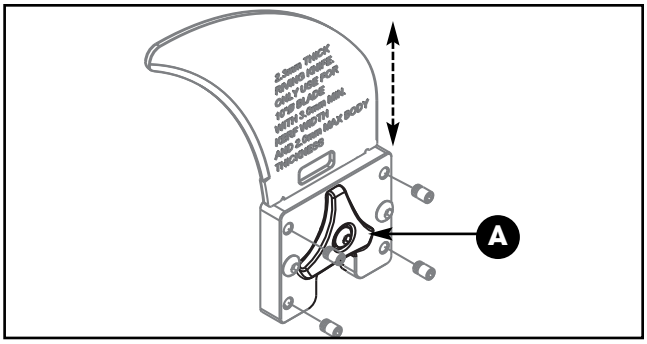


THE BLADE MUST NEVER REMAIN EXPOSED WHEN USING THE SAW. TO PREVENT THE RISK OF SERIOUS INJURIES, ALWAYS COVER THE BLADE WITH A BLADE GUARD.

REMOVAL/INSTALLATION

Set the blade to 90° and raise it to its highest position and remove the table insert. If already installed, remove the splitter or riving knife by loosening the lock knob **A** and pulling the splitter or riving knife up out of its mounting bracket.

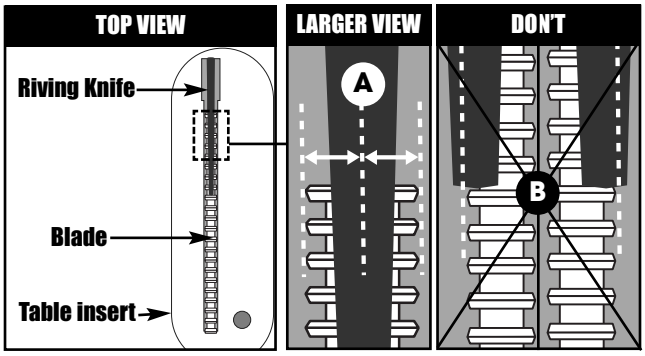
To install, fit the bottom end of the splitter or riving knife into the slot in the mounting bracket and tighten the lock knob to lock it in place. Re-install the table insert.



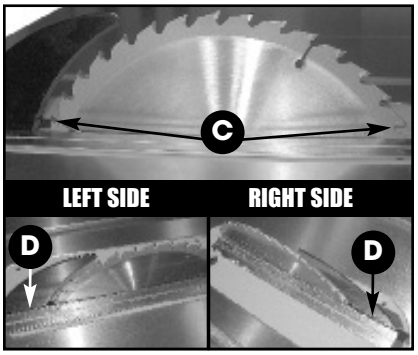
CENTERING THE SPLITTER / RIVING KNIFE ON THE BLADE

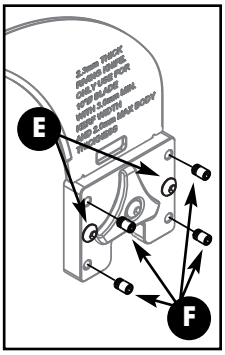
The splitter/riving knife should be more or less centered on the blade to allow for workpiece clearance on both sides of the blade **A**.

THE SPLITTER/RIVING KNIFE SHOULD NEVER PROTRUDE BEYOND EITHER EDGE OF THE BLADE B. THIS WILL OBSTRUCT THE WORKPIECE AND LEAD TO A DANGEROUS KICKBACK SITUATION WHICH CAN LEAD TO SERIOUS PERSONAL INJURY.



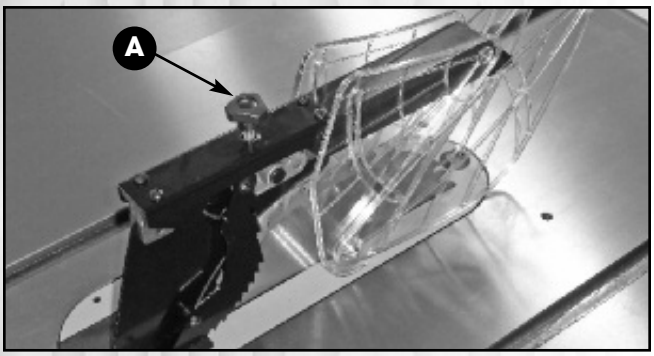
1. Place a straightedge against a front and back tooth of the blade **C**. There should be a more or less equal gap between the straightedge and the splitter/riving knife on both sides of the blade **D**.
2. The splitter/knife mounting bracket assembly is held together by two button head locking screws **E**. Both 90° to the table and parallel/centered to the blade alignments can be achieved by adjusting the four set screws **F**. The locking screws must first be loosened (using a 3mm allen key) – 1/4 turn or more, depending upon how much adjustment is required, in order to be able to adjust the set screws **F** using a 2.5 mm allen key.



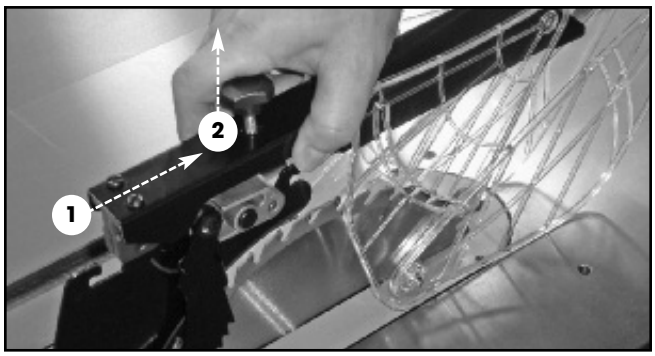


REMOVE/INSTALL THE BLADE COVER

REMOVE

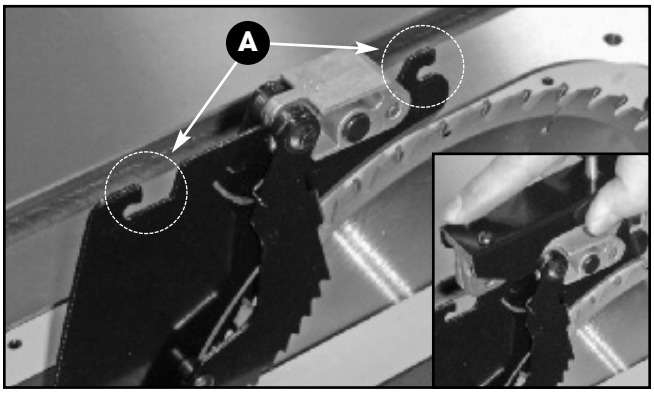


1. Disconnect the machine from the power source.
2. Loosen the Knob, **A**, on the top of the cover.

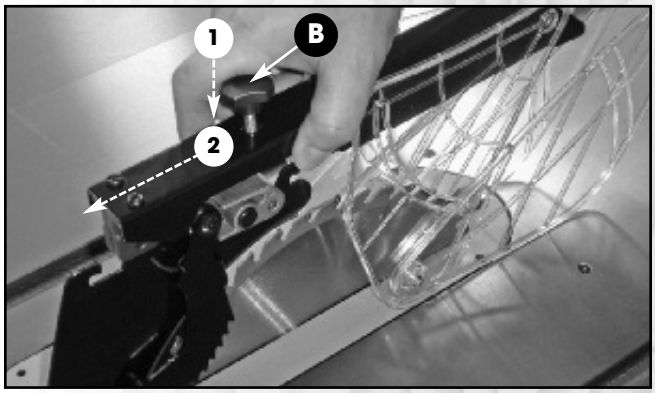


3. Pull back **1** and lift **2** the cover body until it can be removed from the splitter.

INSTALL

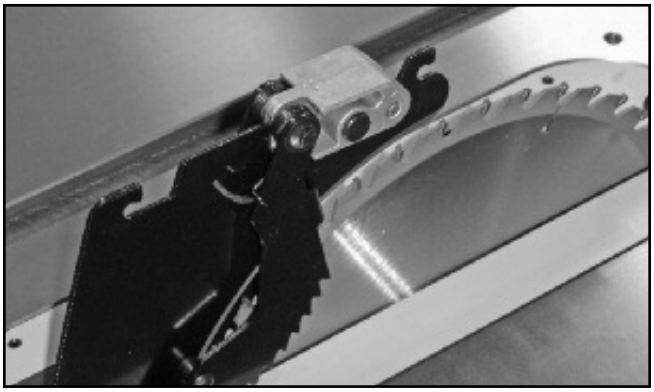


1. Align the pins on the blade cover with the 2 hooks **A** on the splitter.



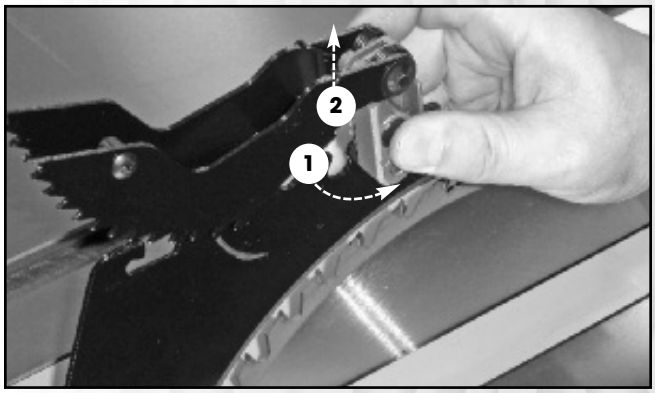
2. Slip the cover down onto the splitter **1**, push it back into the hooks **2** and then tighten the lock knob **B**.

REMOVE/INSTALL ANTI-KICKBACK PAWLS



1. Disconnect the machine from the power source.

2. Remove the blade cover.



3. Press down the pivot block on the anti-kickback body and turn it up to lift the body.

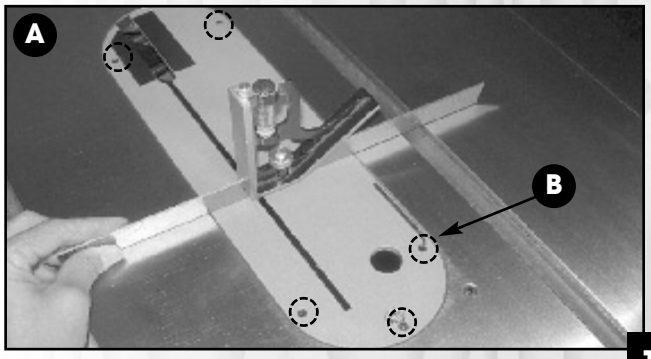
4. Reserve steps 2 & 3 to re-install the anti-kickback.

LEVEL THE TABLE INSERT

Place the insert into the table and use a straightedge to determine whether the insert is level with the table top **A**. Turn each of the 5 adjusting screws **B** with the supplied Allen wrench until done.

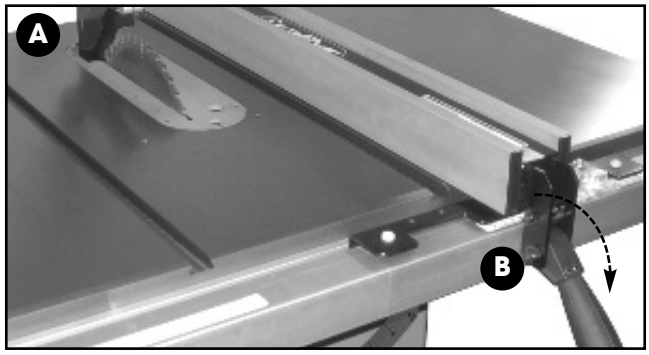
Suggestion: Start by adjusting one rear screw and its diagonal opposite in front, then tweak the remaining screws.

Note: If the sawblade has already been installed, use the raising handwheel to lower the blade below the table surface before leveling the insert.



ALIGN AND LEVEL THE RIP FENCE

THE RIP FENCE MUST BE PARALLEL TO THE BLADE DURING OPERATION. FAILURE TO SET THE RIP FENCE PARALLEL TO THE BLADE CAN RESULT IN KICKBACK AND POSSIBLE SERIOUS INJURY.



ALIGN THE RIP FENCE PARALLEL TO THE BLADE

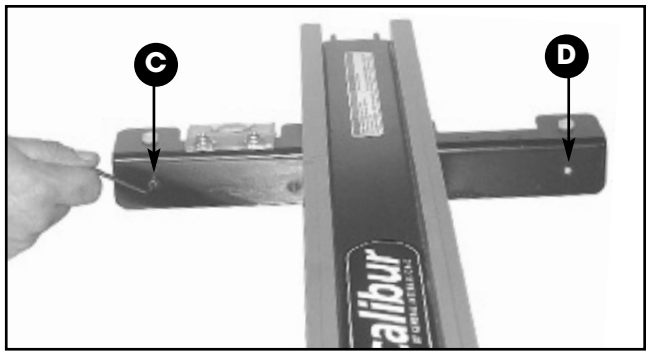
To make satisfactory rip cuts, your fence must be aligned perfectly parallel with the saw blade.

1. Slide the fence over to the right T-slot on your saw table top **A**. Lock down the fence handle **B** and make a visual check that the fence is parallel with the T-slot all along its length.

   Also, you can place a small 3/4" thick block of wood, upright into the T-slot and slide it from the front to the back checking its distance from the left edge of the fence.

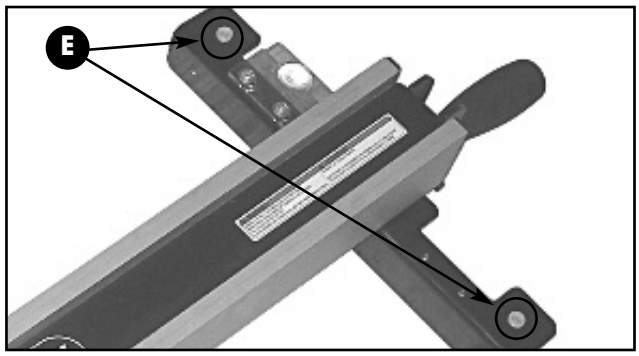
2. If the fence is not parallel, it can be adjusted by using an Allen key to turn one or both of the screws **C** or **D**. Do this slowly, just an eighth to a quarter turn at a time, or you will quickly overshoot the desired adjustment.

Note: It is always good practice to periodically recheck the alignment of your fence to the blade.



ALIGN THE RIP FENCE PERPENDICULAR (90°) TO THE TABLE

Place a machinist square on the table against the fence and look for a gap between the square and the fence (bottom and top) or the table. If needed, adjust either of the two plastic set screws **E**, to tilt the fence slightly and square it to the table.

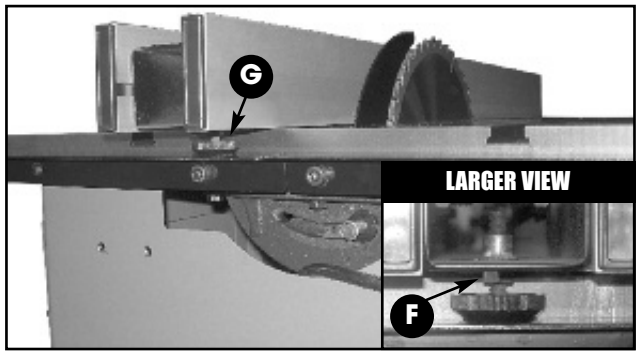


LEVEL THE FENCE

The fence should be parallel to the table and sit approximately 2 mm above the table's surface (so the fence will not scratch the table and a thin work piece will not get stuck or jammed under the fence).

To level and adjust the height of the fence:

1. Loosen the hex nut **F** on the leveling foot **G** located under the rear end of the fence.
2. Raise or lower the leveling foot until there is a spacing of 2 mm (approx.) between the bottom of the fence and the table, then tighten the hex nut to lock the setting of the leveling foot.



3. If needed, to level the fence, adjust the plastic set screws **E** equally, thereby raising or lowering the front of the fence an equal amount on either side so as not to undo the previous perpendicular adjustment.

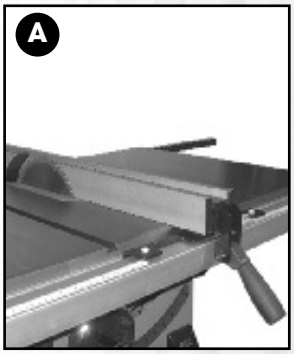
ADJUST & ALIGN RIP FENCE POINTER

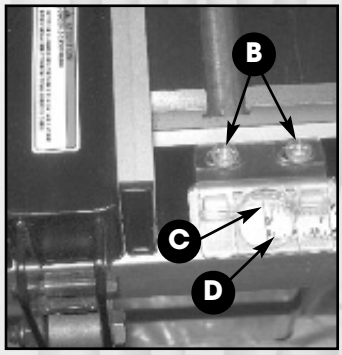
See your F36 T28/52 fence manual for further information.

Set blade to 90° and raise it to the maximum height. Move the fence till it lightly touches the right side of the blade and push down the locking lever to lock the fence in place **A**.

With the fence locked in place against the blade, loosen the pointer screws **B**. Line up the reference line **C** on the pointer with the zero point on the tape **D** and re-tighten the pointer screws.

Note: When changing blades, re-align the pointer with the zero points on the tapes to account for thinner or thicker blades.

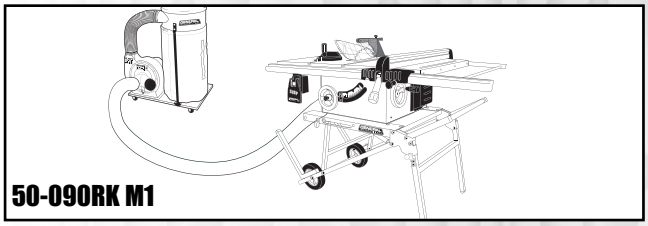


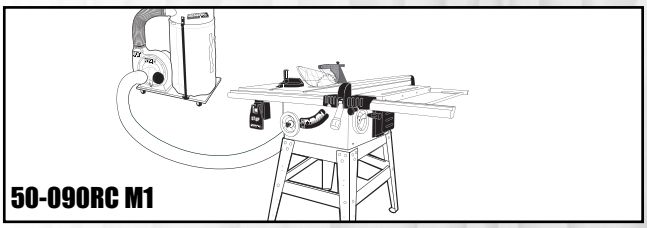


CONNECTING TO A DUST COLLECTOR

- There is a 2 1/2" dust outlet located on the lower left of the saw cabinet allowing for the connection to a dust collection system (not included).
- Be sure to use appropriate size hose and fittings (not included) and check that all connections are sealed tightly to minimize airborne dust.
- If you do not already own a dust collection system consider contacting your General® International distributor for information on our complete line of dust collection systems and accessories or visit our website at www.general.ca

ALWAYS TURN ON THE DUST COLLECTOR BEFORE STARTING THE SAW AND ALWAYS STOP THE SAW BEFORE TURNING OFF THE DUST COLLECTOR.





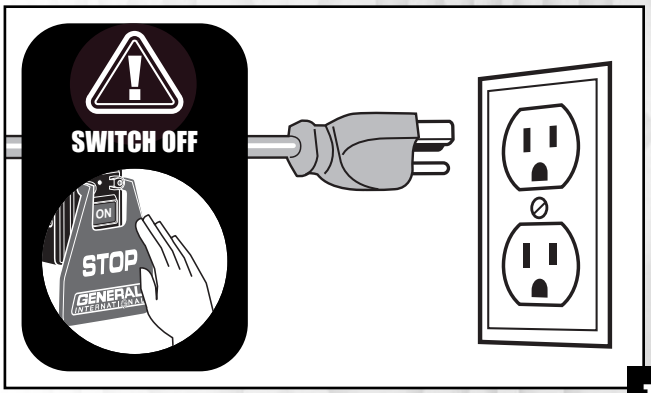
BASIC ADJUSTMENTS & CONTROLS

TO AVOID RISK OF SHOCK OR FIRE DO NOT OPERATE THE UNIT WITH A DAMAGED POWER CORD OR PLUG. REPLACE DAMAGED CORD OR PLUG IMMEDIATELY.

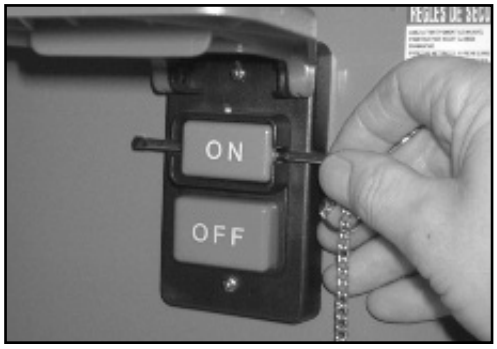
TO AVOID UNEXPECTED OR UNINTENTIONAL START-UP, MAKE SURE THAT THE POWER SWITCH ON THE SAW IS IN THE OFF POSITION BEFORE CONNECTING TO A POWER SOURCE.

CONNECTING TO A POWER SOURCE

Once the assembly steps have been completed, uncoil the power cord and plug it into an appropriate outlet. Refer back to the section entitled "ELECTRICAL REQUIREMENTS" and make sure all requirements and grounding instructions are followed. When cutting operations have been completed unplug the saw from the power source.



ON/OFF SWITCH SAFETY PIN



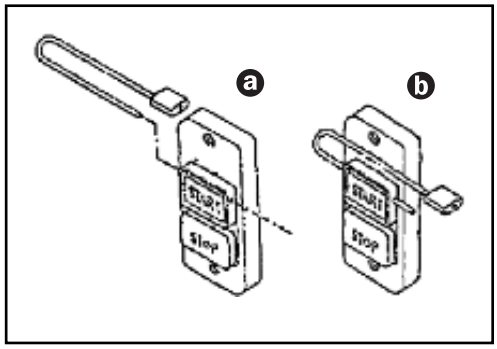
The switch assembly is equipped with a lock-out safety pin. When the pin is installed through the green "on" button, the machine cannot be started.

To start the machine, lift the red stop switch panel and remove the lock-out pin. Lower the stop panel and push the green "ON" button. Wait for the spindle to reach full speed before sanding.

To stop the machine, push on the RED "STOP" panel and wait for the spindle to come to a complete stop.

When you have finished using the machine be sure to re-install the lock-out pin and unplug the machine from the power source.

PADLOCK



To avoid accidental manipulation by young children or others not qualified, the use of a padlock is required.

To lock out the ON/OFF switch, just open the padlock (a), insert it through the "Start button" hole (b) and simply close the padlock. Place the key in a safe place out of the reach of children.

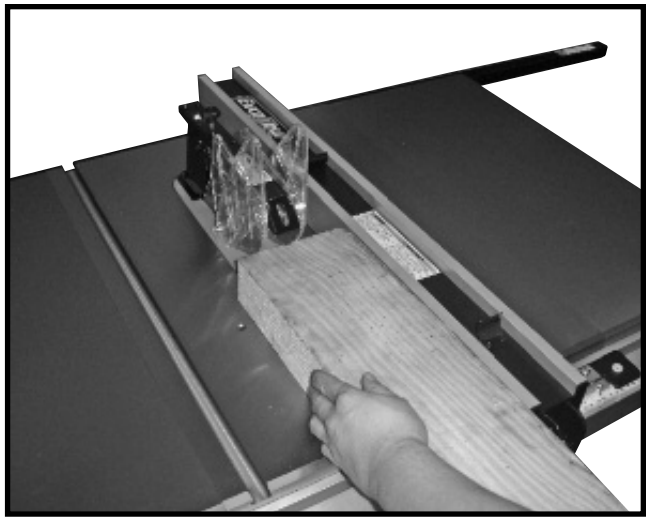
OPERATING INSTRUCTIONS

VERIFY ALL CHECK POINTS BEFORE STARTING. FAILURE TO COMPLY CAN RESULT IN SERIOUS INJURIES.

- Make sure that the arbor nut is secure and that the blade is firmly tightened snug on the arbor.
- Check that the blade angle and height lock knobs are tight.
- If ripping, make sure the fence lock lever is engaged and that the fence is parallel to the blade.
- If cross cutting, make sure the miter gauge is locked tight.
- While using the saw, be sure to wear safety glasses at all times.
- Make sure that the blade guard/splitter assembly or riving knife is properly installed and aligned with the blade, and that the anti-kickback pawls are functioning.

RIPPING

Cutting a wood plank or sheet of plywood lengthwise to reduce its width is called "ripping." To rip stock, hold the work with both hands pushing it into the blade as well as firmly against the rip fence so that it is cut straight.



- The work to be cut must have a straight edge to ride the fence and must be flat to make solid contact with the table during the cut in order to avoid "kickback" (a blade jam causing the wood to fly backwards and hit you).
- Never rip or cut wood without using the fence or miter gauge to guide it because the stock could kickback.
- Always use the blade guard and splitter assembly when cutting wood. It has anti-kickback fingers and a splitter to prevent the saw "kerf" (the slit cut by the blade) from closing and binding the blade, which can overload and/or stall the motor. The blade guard keeps your fingers away from the blade and also reduces the amount of sawdust flying free.
- Although certain operations require the removal of the blade guard and splitter assembly, it should always be replaced for regular cutting.
- Never stand in the line of the blade when ripping.
- Raise the saw blade only about 1/4" higher than the work to be cut.

As you complete the rip, the wood will either remain on the table, tilt up to be caught on the end of the guard, or fall onto the floor (or outfeed table). The waste part of the stock remains on the table to be removed only after the saw is stopped (unless it is large enough for immediate safe removal).

If the work to be ripped is narrow, it is safer to use a push stick, rather than hands, to feed it into the blade. Push sticks with non-slip grippers can be purchased, but a shop-made one, **A**, works just as well.

When ripping extremely narrow stock that may not clear the width of the blade guard, or very thin material such as paneling, which may slip between the underside of the fence and the table surface, a strip of wood as an auxiliary guide can be attached to the fence.

BEVEL RIPPING

Bevel ripping is performed the same as ripping but with the saw blade set to an angle not perpendicular with the table surface. After changing the bevel angle verify the alignment of the guard and splitter; make sure there is clearance with the saw blade.

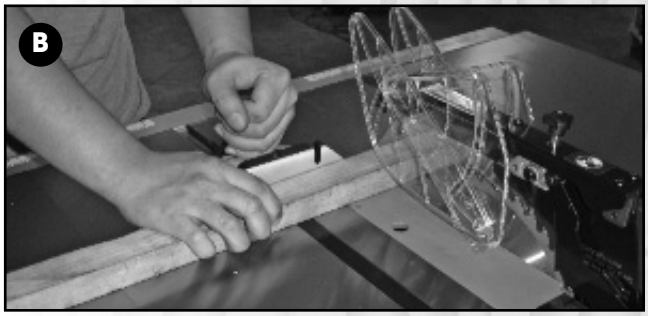
VERIFY ALL CHECK POINTS BEFORE STARTING. FAILURE TO COMPLY CAN RESULT IN SERIOUS INJURIES.

RIPPING SMALL WORK PIECES

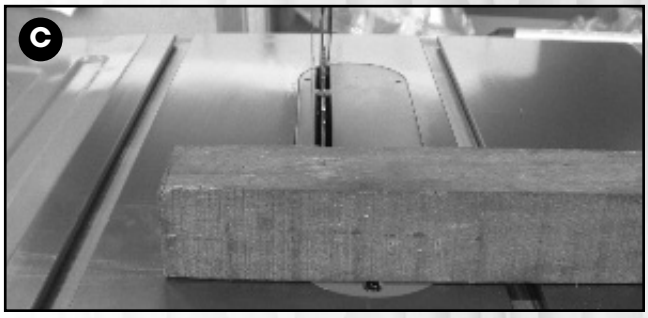
Do not attempt rip cuts if the work piece is too small, as this will oblige you to place your hands too close to the blade and put you at serious risk of injury. When ripping narrower widths, use a push block or a push stick in order to avoid placing hands near the blade.

CROSS CUTTING

Cutting against the grain, to shorten the length of a board is crosscutting. With some smaller-sized and rectangular pieces, you often have the choice of ripping or crosscutting. Always use the miter gauge, **B**, when crosscutting; never cut a piece unsupported. The miter gauge may be used in either slot, but most operators prefer the left groove for typical work. When the blade is tilted for bevel cutting, use the table slot that does not cause interference with your hand or the saw blade guard.

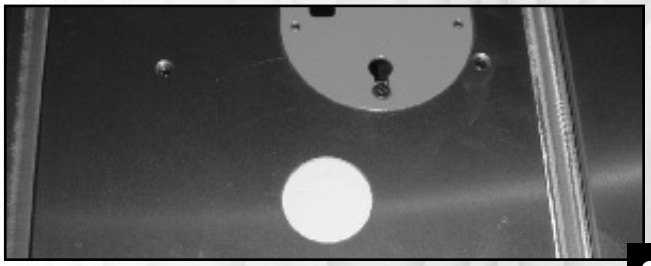


To begin crosscutting, place the work on the miter gauge and, with the motor OFF, slide it up close to the blade to align the outer edges of the teeth with your cut mark, **C**. Keep a firm grip as you pull the miter gauge and the wood back away from the blade. Lower the blade guard, turn on the saw and make the cut. When the work is cut through, move one or both cut pieces—if long enough to handle without danger—immediately off to the side, away from the turning blade. Turn off the motor.



ALIGN-A-CUT

The yellow plastic "align-a-cut" table insert allows the user to make a reference mark on the insert for repetitive non-precision cross cuts.



BEVEL CROSS CUTTING

This procedure is the same as cross cutting except that the blade is set to an angle other than 0. After changing the bevel angle, verify the alignment of the guard and splitter and verify that there is clea-rance with the saw blade.

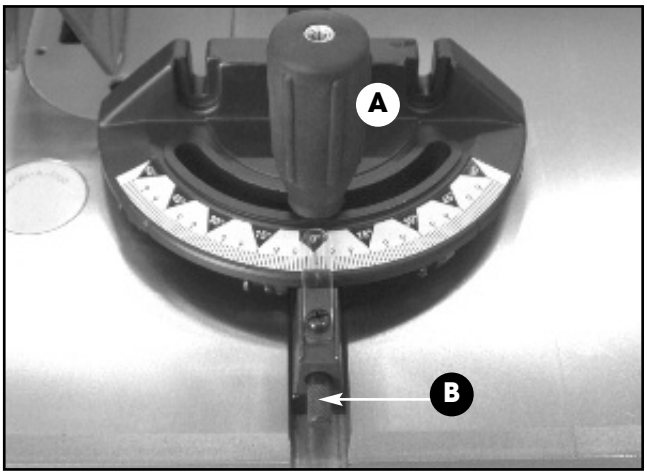
ADJUSTING AND USING THE MITER GAUGE

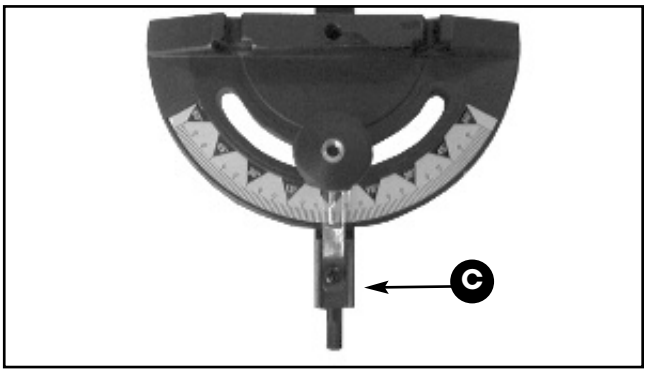
The miter gauge supplied with your saw has accurately adjusted index stops at 90° and 45° to the right and left, with a 30° maximum.

To use a setting other than 90°, loosen the lock knob, **A**, by turning it counter-clockwise, pull the stop-lock pin, **B**, rotate the miter head to 45°, or any angle shown on the numerical guide. Turn the lock knob clockwise to tighten it.

To check the accuracy of the miter gauge's factory settings, set it at 90° and check it with an L-square or T-square. To verify the setting, make a test cut in scrap stock and then use a square to check the cut piece. Repeat adjustment if necessary.

If the miter gauge needs adjusting, manually turn the head so the pointer is where you think it ought to be, tighten the lock knob and loosen the nut, as shown at **C**. Turn the adjusting screw until it touches the stop-lock pin. Tighten down the nut again. Recheck the angle by making another test cut. Repeat, if necessary, until a true 90° is achieved.

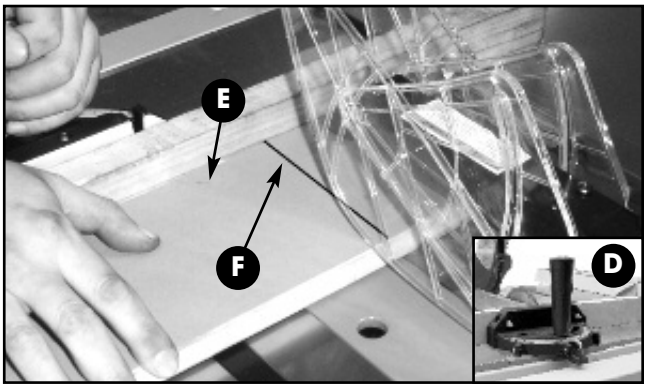




ADDING AN AUXILIARY FENCE TO THE MITER GAUGE

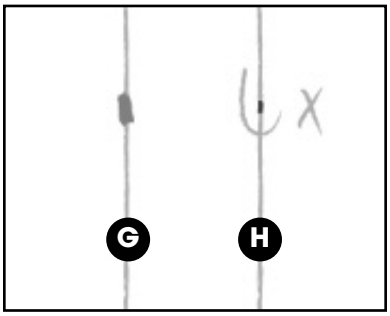
To ensure a true 90° crosscut, especially with longer pieces of wood that need more support than the narrow miter gauge head can provide, an auxiliary wood fence can be attached.

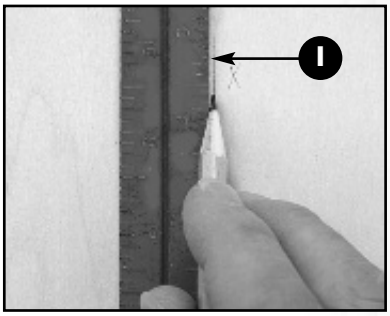
Make sure the wood for the fence is straight, not bowed. It should be about 2 inches wide and extend about 12 inches from either side of the miter head. Drill 2 holes in the wood corresponding to those on the miter head and use bolts and nuts to secure the wood fence to the head, **D**.

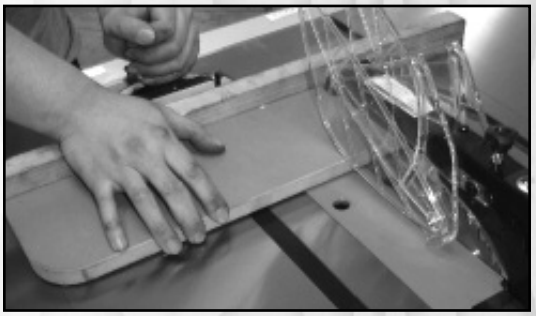


To use the miter gauge with an auxiliary fence, first notch the fence with the saw blade a bit higher than the workpiece, **E**. Measure and draw a cutline on your wood, **F**. then place it on the miter fence. Position your cutline against the notch. Turn on the saw, slide the work up until it is cut through (but don't cut off the fence).

Marking Wood. If you measure a cut for 24 inches, line up the blade on the waste side of the mark. Don't cut through the middle of the measurement line or you'll reduce your desired board length by half the width of the saw blade! For accurate work, don't mark your cut with a fat pencil line, **G**. A narrow dash, with a sharp pencil point is best, **H**. Encircle the dash so you'll find it again and add a small X to indicate the waste or cut-off side. Pencils, like saw blades, have thickness. When squaring off from the cut mark, align your square to allow for pencil clearance, which will be about 1/16" away from the drawing edge of the square, **I**.







MITER CUTS

This operation is the same as cross cutting, except the miter gauge is set to an angle other than 0. Hold the work-piece firmly against the miter gauge and feed the work piece slowly into the blade to prevent it from moving during the cut.

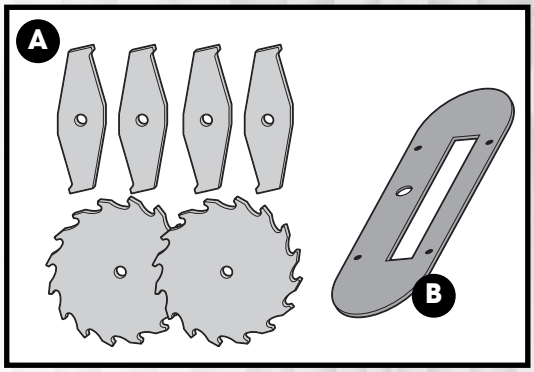
COMPOUND MITERING

This is a combination of bevel cross cutting and mitering. It is infrequently used. Follow instructions for both bevel cutting and mitering.

USING A DADO HEAD BLADE

Dadoing is cutting a "rabbet" or a wide groove into the work. A dado blade, **A**, (not supplied with your saw) usually consists of two outer blades and several interior cutters. These can be adjusted to cut grooves from 1/8" to 13/16" for making shelves, joints and te-noning. Set the blade's width according to the instructions.

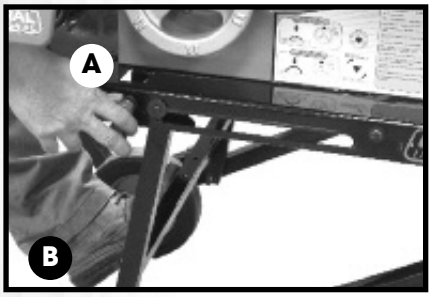
After adjusting its width, mount the dado blade on your saw just like a regular blade. You'll need an optional dado insert, **B** (#50-230R) to replace the standard one that comes with your saw. Use the fence to line up the cut. The blade guard/splitter must be removed when dadoing. Never use the dado blade in a bevel position.



ALWAYS VERIFY THE DADO BLADE CLEARANCE BEFORE CONNECTING THE SAW TO THE POWER SOURCE. REATTACH THE GUARD AND ADJUST AFTER DADO CUT IS FINISHED. THE MAXIMUM DADO HEAD WIDTH FOR THIS SAW IS 13/16" AND THE MAXIMUM DADO BLADE DIAMETER IS 8".

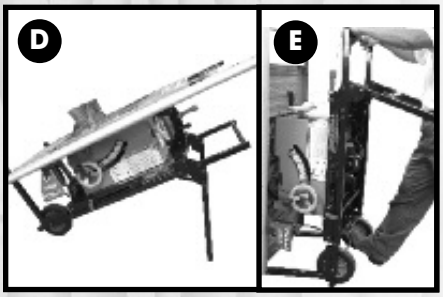
INSTRUCTIONS FOR FOLDING & UNFOLDING THE STAND (50-090RK ONLY)

Make sure the machine is on flat, solid ground.

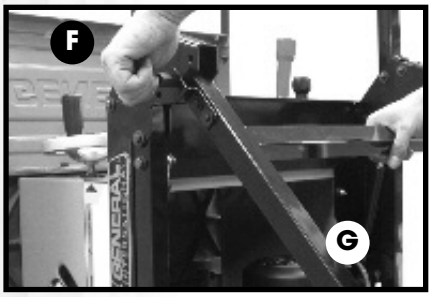


While firmly holding the main handle turn the cam lock lever, **A**, clockwise to release the front brace, **B**.

Slowly lower the machine – the bracket will slide forward, **C**, and the machine will come to a rest.



Hold the main support bracket, **E**, and using the wheels as a pivot point, lift and push the machine forward un-til it is vertical to the floor as shown in **D**.



Pull out the locking pin handle, **F**, to fold in the rear support, **G**, until it rests against the front brace. Push the locking pin handle back in to secure the rear support leg in the stow position.

The end result should resemble the machine as shown.

RECOMMENDED OPTIONAL ACCESSORIES

We offer a large variety of products to help you increase convenience, productivity, accuracy and safety when using your saw. Here's a small sampling of optional accessories available from your local General International dealer.

For more information about our products, please visit our website at **www.general.ca**

Electronic Earmuffs #99-200

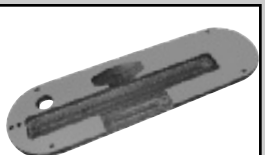
Highly efficient noise reduction to help protect your hearing when operating power tools.

Safety Kit #99-400

Includes 2 push sticks, 1 rubber based push block and a solid oak featherboard for safer stock feeding and handling.

Zero clearance Dado insert - #50-230R

For use with dado blades up to 3/4" maximum width.



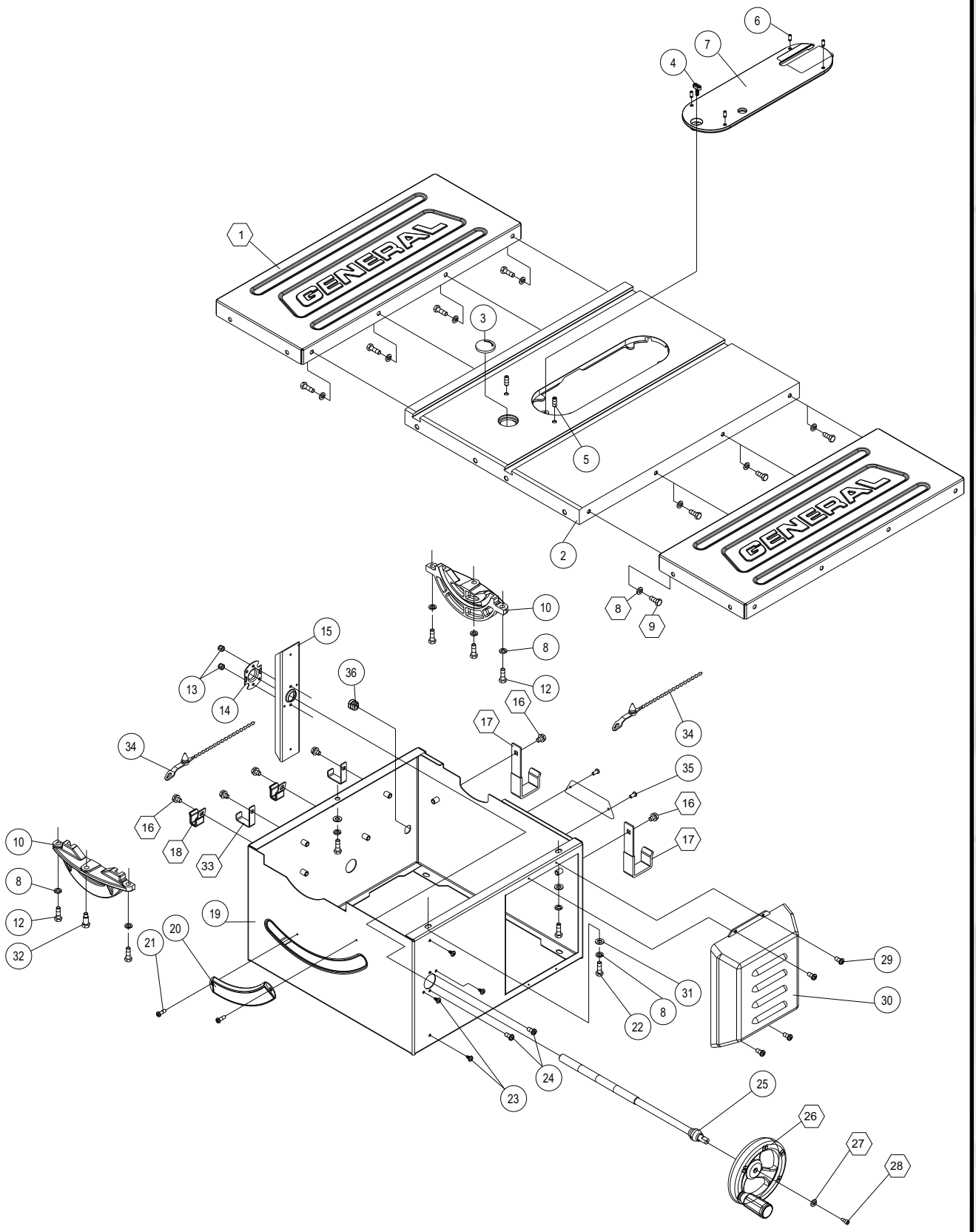
Zero Clearance insert - #50-020R

Eliminates space between the blade and insert to help reduce tear-out and airborne dust. Raise the blade through the insert and custom cut to your blade kerf.

Dust Collector

We have a wide selection of dust collectors to suit all your shop needs. Dust collectors contribute to a cleaner and more healthful workshop environment.

MACHINE

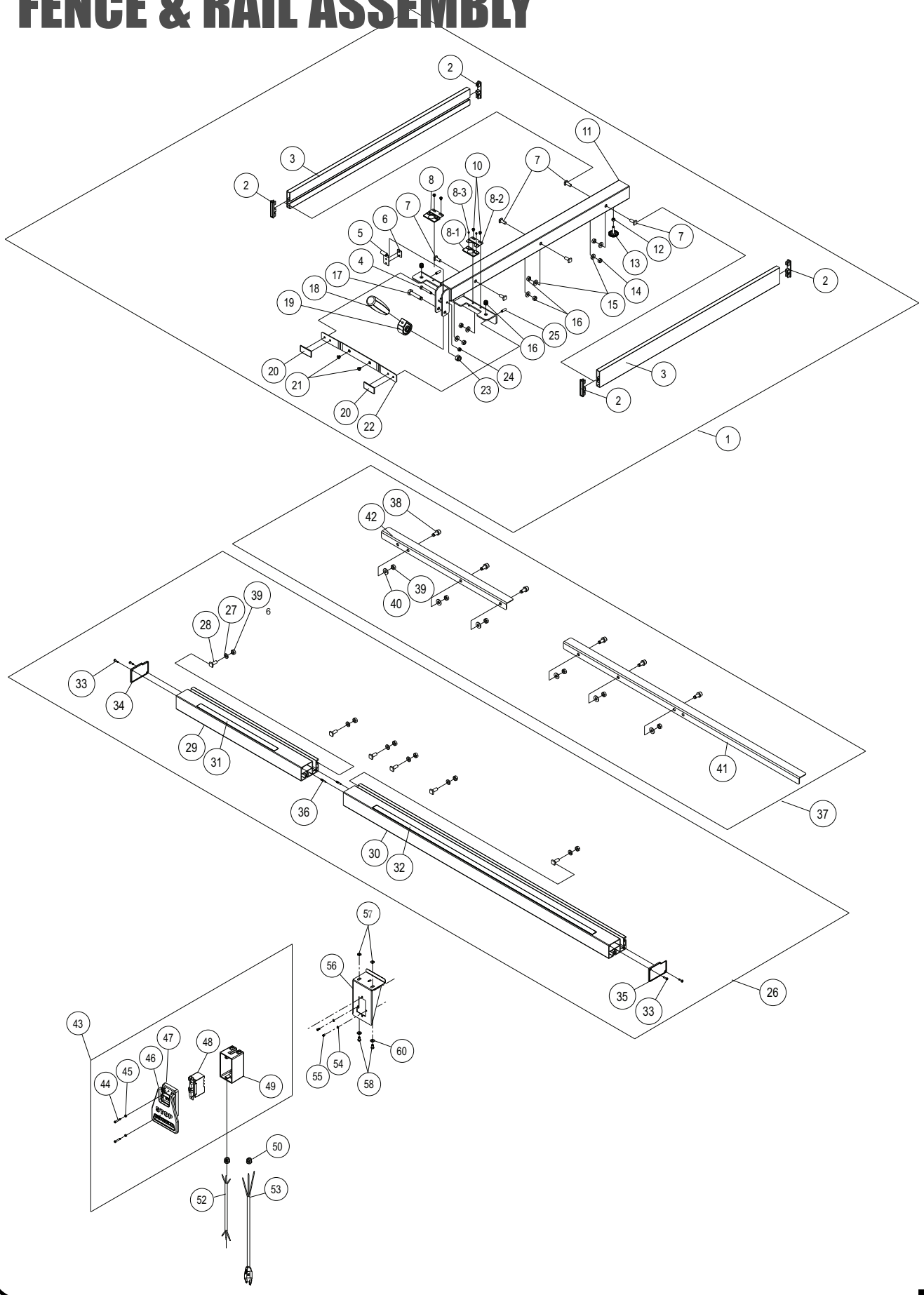

GENERAL
GENERAL
1
2
3
4
5
6
7
8
9
10
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36

PARTS LIST
50-090R

REF. IN DIAGRAM	PART N0.	DESCRIPTION	SPECIFICATION	QTY
1	50090-01	TABLE EXTENSION		2
2	50090R-01	TABLE		1
3	50090-02	PLASTIC INSERT PLATE (ALIGN-A-CUT)		1
4	50090R-03	FIXED BUTTON		1
5	50090-05	SET SCREW	M8 X 1.25P X 20	2
6	50090R-04	SET SCREW	M5 X 0.8P X 12	4
7	50090R-05	TABLE INSERT		1
8	50090-08	SPRING WASHER	8.2 X 15.4	9
9	50090-09	HEX. HEAD BOLT	M8 X 1.25P X 20	1
10	50090R-06	TRUNNION		2
12	50090-12	HEX. HEAD BOLT	M8 X 1.25P X 25	5
13	50090R-07	LOCKED NUT	M5 X 0.8P/(8B X 6H)	2
14	50090-14	MOUNTING PLATE		1
15	50090-15	MOUNTING PLATE		1
16	50090-16	HEX. HEAD BOLT	M8 X 1.25P X 12/(13B X 6.5H)	6
17	50090-17	FENCE STORAGE BRACKET		2
18	50090-18	MITER GAUGE STORAGE BRACKET		2
19	50090R-08	SAW CAIBNET		1
20	50090-20	SCALE PLATE		1
21	50090-21	PHILLIPS HEAD SCREW	M4 X 0.7P X 12	2
22	50090-22	HEX. HEAD BOLT	M8 X 1.25P X 16	3
23	50090R-09	PHILLIPS HEAD SCREW	M4.5 X 1.81P X 9	4
24	50090R-10	PHILLIPS HEAD SCREW	M5 X 0.8P X 12	4
25	50090R-11	LEAD SCREW ASSEMBLY		1
26	50090-26	HANDWHEEL ASSEMBLY		1
27	50090-27	SPRING WASHER	5.1 X 9.3	1
28	50090-28	CAP SCREW	M5 X 0.8P X 12	1
29	50090R-12	PHILLIPS HEAD SCREW	M4 X 0.7P X 10	4
30	50090-30	MOTOR COVER		1
31	50090-170	FLAT WASHER	8.5 X 16 X 2.0T	3
32	50090R-13	SHOULDER BOLT		1
33	50090R-14	L BRACKET		2
34	50090R-15	CABLE TIE		2
35	50090R-16	RIVET		2
36	50090R-17	STRAIN RELIEF	SB8R-1	1

NOTES

FENCE & RAIL ASSEMBLY

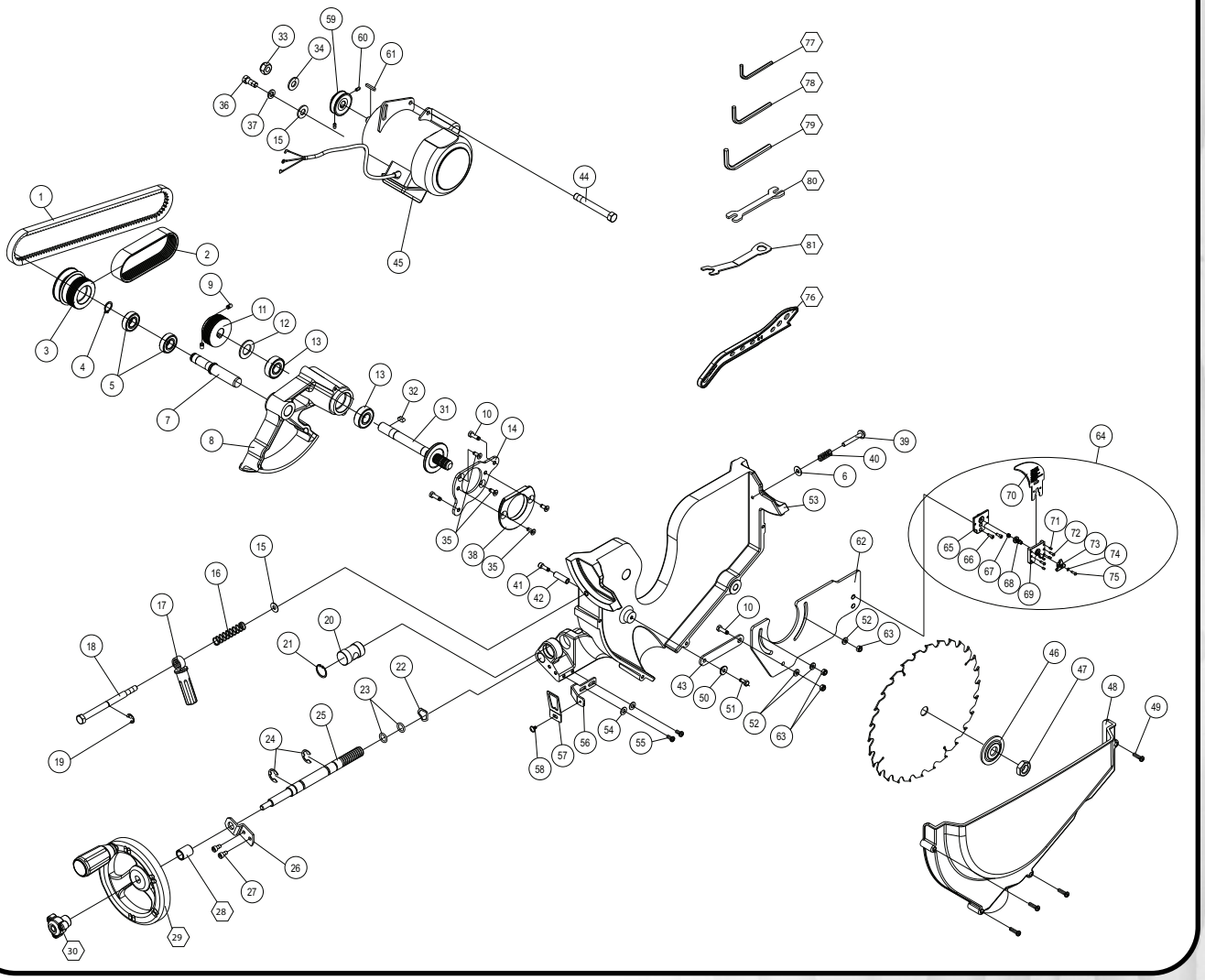


PARTS LIST
50-090R

FENCE & RAIL ASSEMBLY

REF. IN DIAGRAM	PART NO.	DESCRIPTION	SPECIFICATION	QTY
1	50221-34	COMPLETE RIP FENCE		1
2	50221-35	FENCE END CAP		4
3	50221-36	CONNECTION PLATE		2
4	50090R-18	HEXAGONAL HEAD SCREW	M6 X 1.0P X 45	1
5	50221-38	LOCK PLATE		1
6	50221-39	PLASTIC PAD (SLIDER)		1
7	50221-40	SCREW		6
8	50221-41	POINTER ASSEMBLY		2
8-1	50090R-19	POINTER		2
8-2	50090R-20	FIXING PLATE		2
8-3	50090R-21	PHILLIPS HEAD SCREW	M3 X 1.06P X 6	4
10	50090R-22	PHILLIPS HEAD SCREW	M6 X 1.0P X 6	4
11	50221-44	FENCE BODY		1
12	50221-45	HEXAGONAL HEAD SCREW	M6 X 1.0P (10B X 5H)	1
13	50221-46	ADJUST FEET		1
14	50221-47	HEXAGONAL HEAD SCREW	M8 X 1.25P (13B X 6.5H)	6
15	50090R-23	FLAT WASHER	8.5 X 16 X 2	6
16	50221-49	PLASTIC SET SCREW		2
17	50221-50	HEXAGONAL HEAD SCREW	M10 X 1.5P X 50	1
18	50221-51	HANDLE		1
19	50221-52	CAM		1
20	50221-53	PLASTIC PAD (SLIDER)		2
21	50090R-24	PHILLIPS HEAD SCREW	M6 X 1.0P X 8	2
22	50221-55	SLIDE HOLD PLATE		1
23	50221-56	LOCK NUT	M10 X 1.5P (17B X 12H)	1
24	50221-57	LOCK NUT	M6 X 1.0P (10B X 7H)	1
25	50090R-25	SET SCREW	M6 X 1.0P X 6	2
26	50221-59	FRONT RAILS COMPLETE		1
27	50221-60	SPRING WASHER	8.2 X 15.4	6
28	50221-61	FRONT RAIL SCREW		6
29	50221-62	FRONT RAIL (LEFT)		1
30	50221-63	FRONT RAIL (RIGHT)		1
31	50221-64	SCALE LEFT	0"~12"	1
32	50221-65	SCALE RIGHT	0"~36"	1
33	50221-66	SELF-TAPPING SCREW	M4 X 1.59P X 12	4
34	50221-67	FRONT RAIL COVER LEFT		1
35	50221-68	FRONT RAIL COVER RIGHT		1
36	50221-69	PIN		2
37	50221-70	REAR RAILS COMPLETE	FOR 50-220R	1
38	50221-71	CAP SCREW	M8 X 1.25P X 20/8.2 X 15.4	6
39	50221-72	NUT	M8 X 1.25P (12B X 6.5H)	12
40	50221-73	FLAT WASHER	8.5 X 19 X 2.0T	6
41	50221-74	REAR RAIL (LEFT)		1
42	50221-75	REAR RAIL (RIGHT)		1
43	50221-76	SWITCH COMPLETE	35A X 120V	1
44	50220-44A	PHILLIPS HEAD SCREW	M4 X 0.7P X 25	2
45	50220-50	HEXAGONAL HEAD SCREW	M4 X 0.7P (7B X 3.2H)	2
46	50220-52	PLASTIC PAD (SLIDER)		1
47	50221-77	SWITCH COVER		1
48	50220-47A	ON - OFF SWITCH		1
49	50220-46A	SWITCH BOX		1
50	50221-78	STRAIN RELIEF	SB8R-3	2
53	50221-81	POWER WIRE W/PLUG	SJT14AWG X 3C X 2000 MM	1
52	50221-80	POWER WIRE		1
54	50221-82	SPROCKET WASHER	4.3 X 8.5 (BW-4)	2
55	50221-83	PHILLIPS HEAD SCREW	M4 X 0.7P X 10	2
56	50221-84	SWITCH PLATE		1
57	50220-110	LOCKED NUT	M6 X 1.0P (10B X 7H)	2
58	50221-85	HEX. HEAD BOLT	M6 X 1.0P X 16	2
60	50221-179	FLAT WASHER	6.7 X 16 X1T	2

TILTING MECHANISM



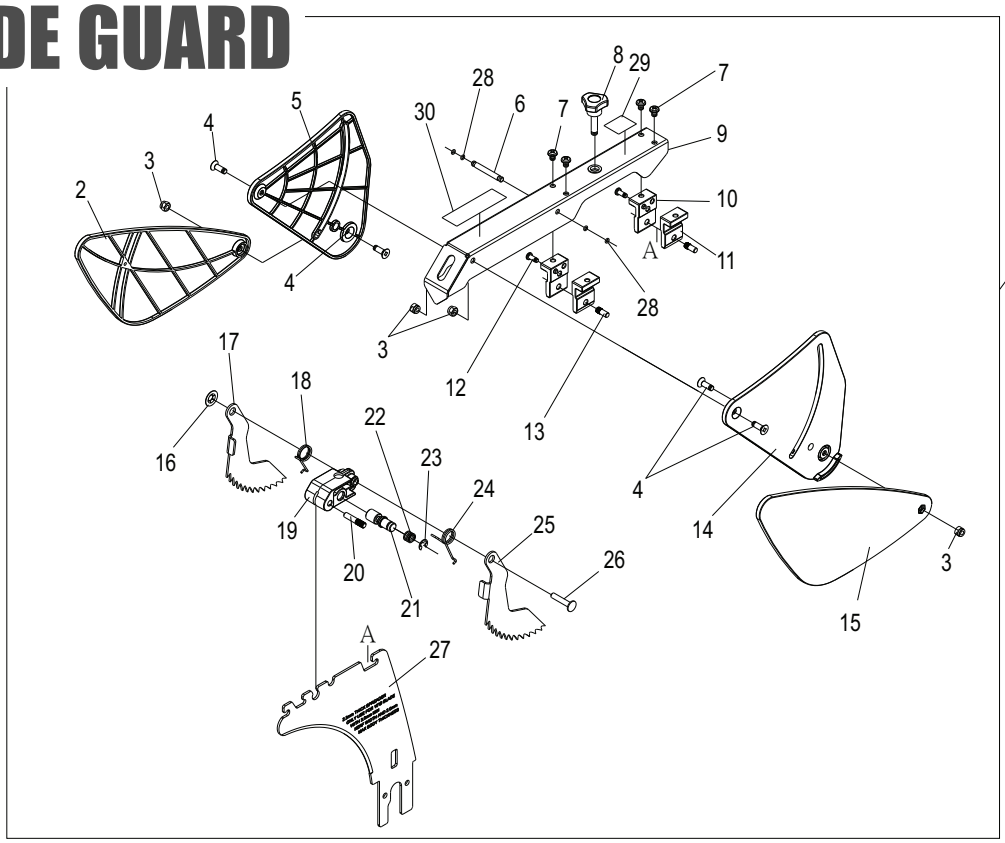
PARTS LIST
50-090R

REF. IN DIAGRAM	PART NO.	DESCRIPTION	SPECIFICATION	QTY
1	50090R-26	BELT	735LI-13X	1
2	50090R-27	TIMING BELT	125J-6	1
3	50090R-28	PULLEY		1
4	50090-100	SNAP RING	STW-15	1
5	50090-101	BEARING	6002-2NSE	2
6	50090R-31	FLAT WASHER	6.4 X 20 X 3.0T	1
7	50090R-29	LONG SHAFT		1
8	50090R-30	SHAFT GEAR		1
9	50090R-31	SET SCREW	M6 X 1.0P X 10	2
10	50090R-47	HEX. HEAD BOLT	M6 X 1.0P X 20	3
11	50090R-32	PULLEY		1
12	50090R-33	FLAT WASHER	15.5 X 21 X 0.8	1
13	50090-109	BEARING	6202-2NSE	2
14	50090R-48	FIXED PLATE		1
15	50090R-36	FLAT WASHER	8.2 X 22 X 3.0T	2
16	50090-112	SPRING		1
17	50090-113	HANDLE		1
18	50090-114	LOCKING SHAFT		1
19	50090-115	SNAP RING	ETW-8	1
20	50090-116	GUIDE SHAFT		1
21	50090R-37	SNAP RING	RTW-24	1

PARTS LIST
50-090R

REF. IN DIAGRAM	PART NO.	DESCRIPTION	SPECIFICATION	QTY
22	50090-118	WAVE WASHER	WW-16	1
23	50090-119	O RING	P12	2
24	50090-120	SNAP RING	ETW-12	2
25	50090-121	ELEVATION GEAR SHAFT		1
26	50090-122	MOUNTING BRACKET		1
27	50090R-38	CAP SCREW	M5 X 0.8P X 12	2
28	50090-124	SPACING COLLAR		1
29	50090-125	HANDWHEEL		1
30	50090-126	LOCK KNOB		1
31	50090R-35	ARBOR		1
32	50090R-34	KEY	5 x 5 X 18	1
33	50090-129	LOCK NUT	M10 X 1.5P (17B X 12H)	1
34	50090R-43	FLAT WASHER	10 X 25 X 3.0T	1
35	50090R-49	COUNTERSUNK SCREW	M6 X 1.0P X 12	4
36	50090R-46	HEX. HEAD BOLT	M8 X 1.25P X 20	8
37	50221-60	SPRING WASHER	8.2 X 15.4	8
38	50090R-50	FIXED PLATE		1
39	50090-135	HEX. HEAD BOLT	M6 X 1.0P X 40	1
40	50090-136	SPRING		1
41	50090R-51	CAP SCREW	M8 X 1.25P X 50	1
42	50090R-52	BUSHING		1
43	50090R-53	CONNECTING PLATE		1
44	50090-140	HEX. HEAD BOLT	M10 X 1.5P X 80	1
45	50090R-44	MOTOR	1.5HP X 110/220V X 60HZ X 1PH X 13/6.5A	1
46	50090-142	FLANGE WASHER		1
47	50090-143	ARBOR NUT	TW5/8"-12	1
48	50090R-41	DUST HOOD		1
49	50090R-42	PHILLIPS HEAD SCREW	M5 X 0.8P X 30	4
50	50090R-54	BUSHING		1
51	50090R-55	HEX. HEAD BOLT	M5 X 0.8P X 12	1
52	50090R-56	FLAT WASHER	6.7 X 16 X 2.0T	3
53	50090R-40	TILTING MECHANISM		1
54	50090-150	FLAT WASHER	6.3 X 13 X 1.0T	2
55	50090R-24	PHILLIPS HEAD SCREW	M5 X 0.8P X 12	4
56	50090R-39	POINTER BRACKET		1
57	50090-153	POINTER		1
58	50090-154	PHILLIPS HEAD SCREW	M4 X 0.7P X 8/4 X 10 X 0.8T	1
59	50090R-45	PULLEY		1
60	50090-156	SET SCREW	M6 X 1.0P X 12	2
61	50090-157	KEY	5 X 5 X 22	1
62	50090R-57	SUPPORT PLATE		1
63	50090R-58	LOCK NUT	M6 X 1.0P (10B X 7H)	3
64	50221-208	RIVING KNIFE ASSEMBLY		1
65	50221-209	MOUNTING PLATE		1
66	50221-210	CAP SCREW		2
67	50221-211	SPRING		1
68	50221-212	SET SCREW		1
69	50221-213	MOUNTING BRACKET		1
70	50221-214	RIVING KNIFE		1
71	50221-215	SET SCREW	M5 X 0.8P X 8	4
72	50221-216	PHILLIPS HEAD SCREW	M5 X 0.8P X 16	2
73	50221-217	KNOB		1
74	50221-218	LOCK WASHER	5.1 X 9.3	1
75	50221-219	CAP SCREW	M5 X 0.8P X 12	1
76	50221-220	PUSH STICK		1
77	50221-32	ALLEN WRENCH	2.5 MM	1
78	50090R-59	ALLEN WRENCH	4 MM	1
79	50221-32A	ALLEN WRENCH	6 MM	1
80	50221-31	OPEN WRENCH	12 X 14	1
81	50221-33	ARBOR WRENCH		2

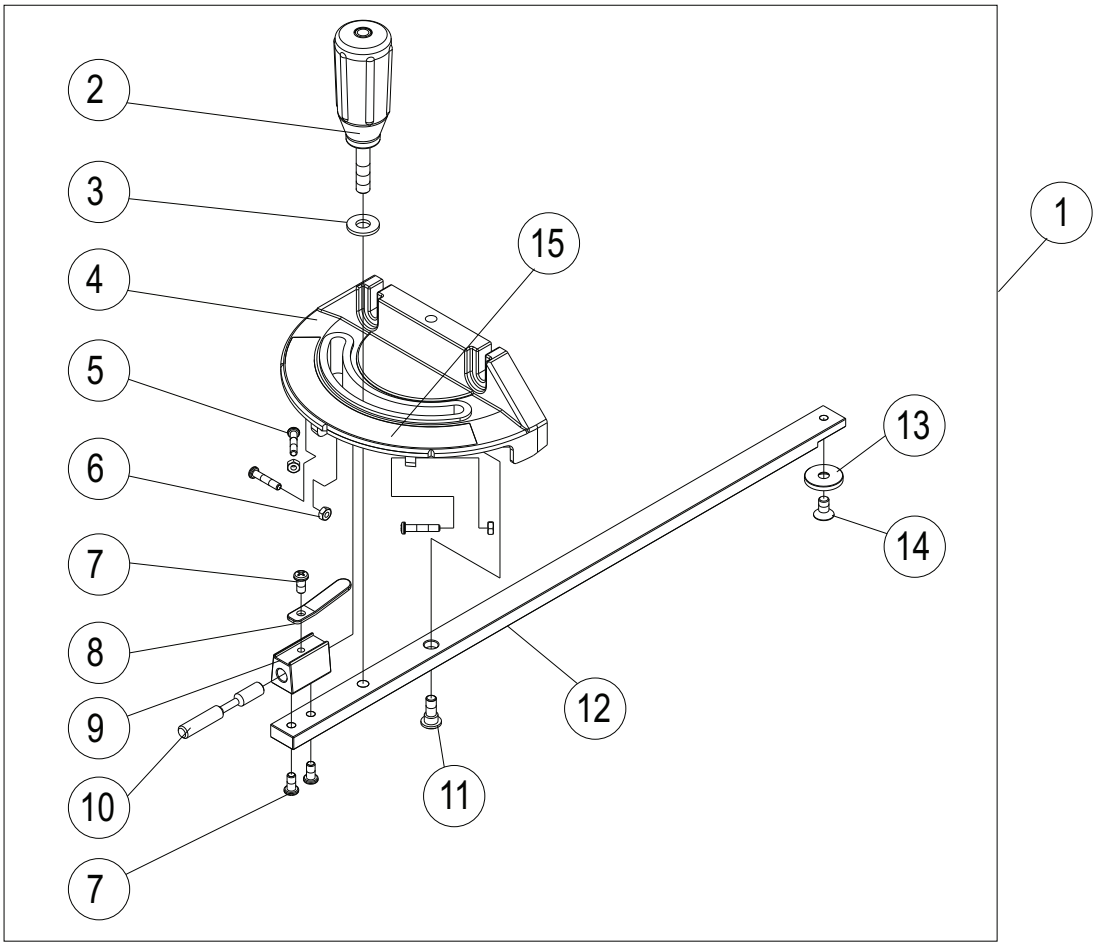
BLADE GUARD



PARTS LIST
50-090R

REF. IN DIAGRAM	PART NO.	DESCRIPTION	SPECIFICATION	QTY
1	50221-180	SPLITTER / BLADE GUARD ASSEMBLY	TH25	1
2	50221-181	LEFT LOWER GUARD		1
3	50221-182	LOCK NUT	M5 X 0.8P(8B X 6H)	4
4	50221-183	BOLT	M5 X 0.8P X 15	4
5	50221-184	LEFT UPPER GUARD		1
6	50221-185	PIVOT PIN		1
7	50221-186	PHILLIPS HEAD SCREW	M5 X 0.8P X 6	4
8	50221-187	KNOB		1
9	50221-188	CONNECTION PLATE		1
10	50221-189	LEFT MOUNTING BRACKET		2
11	50221-190	RIGHT MOUNTING BRACKET		2
12	50221-191	PHILLIPS HEAD SCREW	M4 X 0.7P X 10	2
13	50221-192	PIN		2
14	50221-193	RIGHT UPPER GUARD		1
15	50221-194	RIGHT LOWER GUARD		1
16	50221-162	SNAP RING	SPN-4	1
17	50221-195	LEFT ANTI-KICK BACK PAWL		1
18	50221-164	SPRING		1
19	50221-165	PIVOT BLOCK		1
20	50221-166	PIVOT PIN		1
21	50221-158	PIVOT PIN		1
22	50221-159	SPRING		1
23	50221-160	SNAP RING	ETW-7	1
24	50221-168	SPRING		1
25	50221-196	RIGHT ANTI-KICK BACK PAWL		1
26	50221-170	CONNECTION PIN		1
27	50221-196	SPLITTER		1
28	50221-197	O RING	P3	4
29	50221-198	WARNING LABEL		1
30	50221-199	WARNING LABEL		1

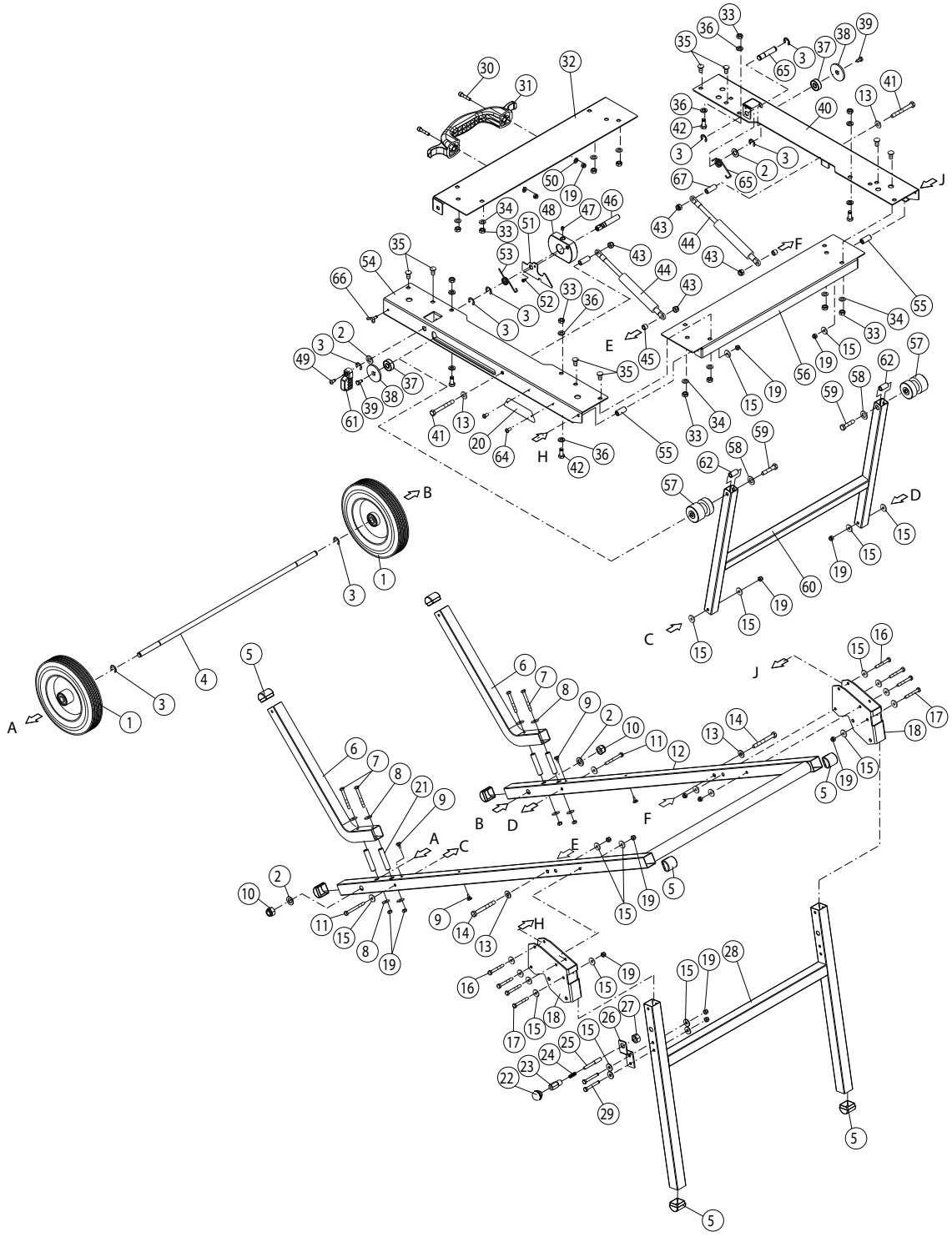
MITER GAUGE



PARTS LIST
50-090R

REF. IN DIAGRAM	PART NO.	DESCRIPTION	SPECIFICATION	QTY
1	50221-173	MITER GAUGE COMPLETE		
2	50090-169	HANDLE		1
3	50090-170	FLAT WASHER	8.5 X 16 X 2.0T	1
4	50090-171	MITER GAUGE BODY		1
5	50090-172	PHILLIPS HEAD SCREW	M4 X 0.7P X 20	3
6	50090-173	NUT	M4 X 0.7P(7B X 3.2H)	3
7	50090-174	PHILLIPS HEAD SCREW	M5 X 0.8P X 10	3
8	50090-175	POINTER		1
9	50090-176	PAD		1
10	50090-177	STOPPER PIN		1
11	50090-178	STEP SCREW		1
12	50090-179	GUIDE BAR		1
13	50090-180	GUIDE PLATE		1
14	50090-181	PHILLIPS HEAD SCREW	M6 X 1.0P X 8	1
15	50090-182	SCALE LABEL		1

FOLDING STAND # 50-095 (50-090RK ONLY)



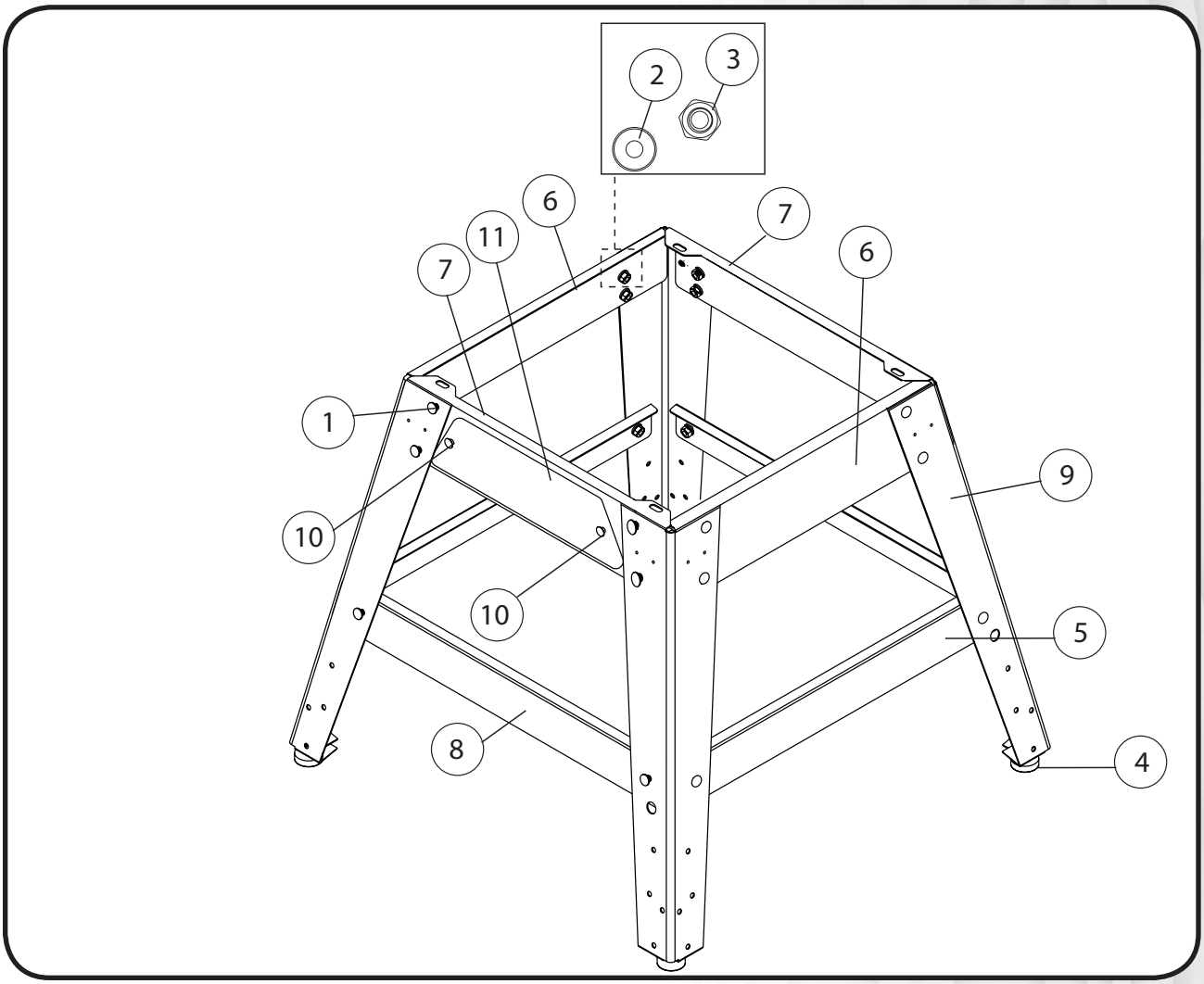
PARTS LIST
50-095

REF. IN DIAGRAM	PART NO.	REF. NO.	DESCRIPTION	SPECIFICATION	QTY
1	50095-183	340077-000	WHEEL		2
2	50095-184	006001-090	FLAT WASHER	12.2 X 22 X 2.0T	4
3	50095-185	010207-000	SNAP RING	ETW-10	8
4	50095-186	360536-901	AXLE		1
5	50095-187	250519-615	END CAP		8
6	50095-188	171698-008	SUPPORT LEG		2
7	50095-189	000002-314	HEX HEAD BOLT	M6 X 1.0P X 75	4

PARTS LIST
50-095

REF. IN DIAGRAM	PART NO.	REF. NO.	DESCRIPTION	SPECIFICATION	QTY
8	50095-190	006001-029	FLAT WASHER	6.5 X 23 X 3.0T	8
9	50095-191	340007-615	PAD		4
10	50095-192	008311-100	LOCK NUT	M12 X 1.75P	2
11	50095-193	000002-313	HEX HEAD BOLT	M6 X 1.0P X 70	2
12	50095-194	171699-008	MAIN SUPPORT BRACKET		1
13	50095-195	006001-053	FLAT WASHER	8.5 X 19 X 2.0T	4
14	50095-196	000003-316	HEX HEAD BOLT	M8 X 1.25P X 60	2
15	50095-197	006001-036	FLAT WASHER	6.7 X 19 X 2.0T	26
16	50095-198	000002-312	HEX HEAD BOLT	M6 X 1.0P X 55	2
17	50095-199	000002-309	HEX HEAD BOLT	M6 X 1.0P X 50	6
18	50095-200	171700-008	SUPPORT PLATE		2
19	50095-201	008304-100	LOCK NUT	M6 X 1.0P	18
20	50095-202	570411-000	NAME PLATE		1
21	50095-203	360534-901	SPACER BUSHING		4
22	50095-204	230156-615	BALL HANDLE	22 X 1/4"-20NC	1
23	50095-205	380085-901	SPRING PLATE		1
24	50095-206	280010-000	SPRING		1
25	50095-207	360033-901	LOCK PIN		1
26	50095-208	171701-008	PLATE		1
27	50095-209	009011-100	HEX NUT	1/2"-12NC	1
28	50095-210	171702-008	SUPPORT BRACKET		1
29	50095-211	000002-308	HEX HEAD BOLT	M6 X 1.0P X 45	2
30	50095-212	000103-109	CAP SCREW	M6 X 1.0P X 30	2
31	50095-213	250024-615	HANDLE		1
32	50095-214	171703-008	BRACE - LEFT		1
33	50095-215	008006-100	HEX NUT	M8 X 1.25P	12
34	50095-216	006001-046	FLAT WASHER	8.5 X 16 X 1.5T	8
35	50095-217	001001-101	CARRIAGE BOLT	M8 X 1.25P X 16	8
36	50095-218	006001-049	FLAT WASHER	8.5 X 16 X 2.0T	8
37	50095-219	030119-000	BEARING	605ZZ	2
38	50095-220	006001-127	FLAT WASHER		2
39	50095-221	000001-102	HEX HEAD BOLT	M5 X 0.8P X 16	2
40	50095-222	171704-008	REAR BRACE		1
41	50095-223	000003-320	HEX HEAD BOLT	M8 X 1.25P X 65	2
42	50095-224	000003-104	HEX HEAD BOLT	M8 X 1.25P X 20	4
43	50095-225	008306-100	LOCK NUT	M8 X 1.25P	4
44	50095-226	230108-000	PISTON		2
45	50095-227	360551-901	BUSHING		2
46	50095-228	360540-901	SHAFT		1
47	50095-229	001902-102	SET SCREW	M6 X 1.0P X 8	1
48	50095-230	380457-901	BUSHING		1
49	50095-231	002501-102	PHILLIPS HEAD SCREW	M6 X 1.0P X 12L	1
50	50095-232	006304-100	SPRING WASHER	6.5 X 12.8	2
51	50095-233	171705-008	PLATE		1
52	50095-234	000302-102	PHILLIPS HEAD SCREW	M4 X 0.7P X 8	1
53	50095-235	280123-000	SPRING		1
54	50095-236	171706-008	FRONT BRACE		1
55	50095-237	360543-901	SPACER BUSHING		2
56	50095-238	171708-008	RIGHT BRACE		1
57	50095-239	360550-901	SLIDING SHAFT		2
58	50095-240	006001-055	FLAT WASHER	8.5 X 22 X 2.0T	2
59	50095-241	000003-107	HEX HEAD BOLT	M8 X 1.25P X 35	2
60	50095-242	171707-008	SLIDING BRACKET		1
61	50095-243	250520-604	CAM LOCK LEVER		1
62	50095-244	360580-901	SPACER		2
63	50095-246	280129-000	TORSION SPRING		1
64	50095-247	230120-000	RIVET		2
65	50095-248	360682-901	SHAFT		1
66	50095-249	000501-102	WING SCREW	M5 X 0.8P X 30	1
67	50095-250	360685-901	BUSHING		2

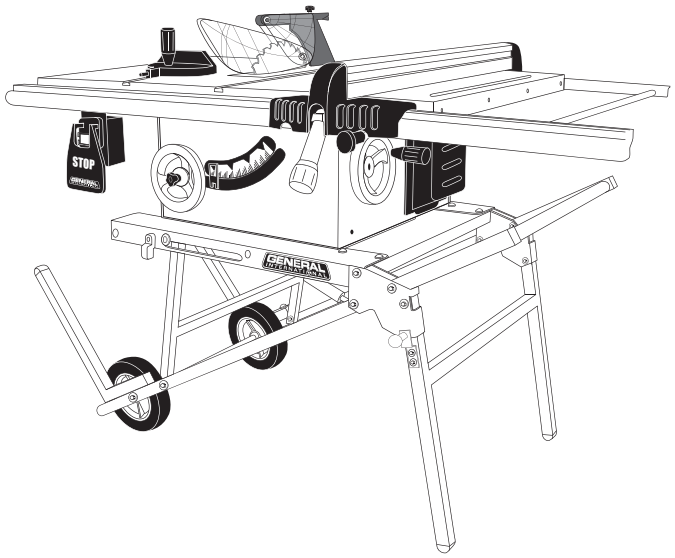
FIXED LEG STAND # 50-096
(50-090RC ONLY)



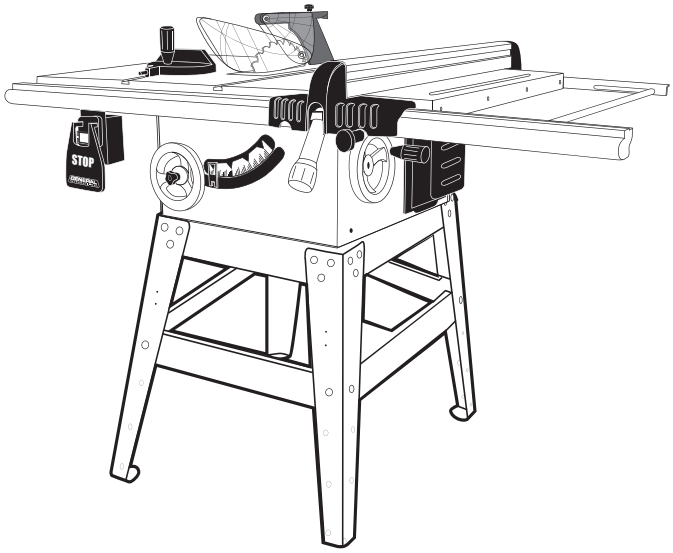
PARTS LIST
50-096

PART NO.	REF. NO.	DESCRIPTION	SPECIFICATION	QTY
50096-01	001001-201	CARRIAGE BOLT	M8 X 1.25P X 16	32
50096-02	006002-049	FLAT WASHER	8.5 X16 X 2.0T	40
50096-03	008006-200	HEX. NUT	M8 X 1.25P (13B X 6.5H)	40
50096-04	230049-000	LEVELLING FOOT	S20C + NBR	4
50096-05	170552-000	SIDE CROSS BRACE (LEFT AND RIGHT)		2
50096-06	173117-000	SIDE TOP SHELF (LEFT AND RIGHT)		2
50096-07	173116-000	TOP SHELF (FRONT AND REAR)		2
50096-08	171097-000	CROSS BRACE (FRONT AND REAR)		2
50096-09	173115-000	LEG		4
50096-10	002301-201	RIVET	2 X 5	2
50096-11	571813-000	LOGO PLATE GENERAL	(LARGER SIZE)	1

50-090RK



50-090RC



8360, Champ-d'Eau, Montreal (Quebec)
Canada H1P 1Y3

Tel.: (514) 326-1161
Fax : (514) 326-5565 Parts & Service
Fax : (514) 326-5555 Order Desk
orderdesk@general.ca
www.general.ca

IMPORTANT: When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.